

Converting Colors

XYZ(74.8452, 79.3499, 87.6858)

Have a look what the booklet for
XYZ(74.8452, 79.3499, 87.6858)
contains.

XYZ(74.8200, 79.3089, 87.7086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.8200, 79.3089,
87.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E7E8
RGB	227, 231, 232
RGB Percent	89%, 91%, 91%
CMY	0.1098, 0.0941, 0.0902
CMYK	0.02, 0.00, 0.00, 0.09
HSL	192°, 10%, 90%
HSV	192°, 2%, 91%
XYZ	74.8200, 79.3089, 87.7086
YIQ	229.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

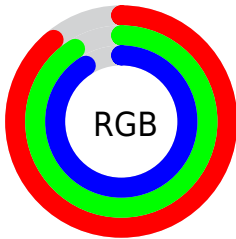
Format	Color
R_{YB}	227, 229, 232
Decimal	14936040
CIE Lab	91.37, -1.15, -0.96
CIE LCh	91, 1.500, 219.933
Yxy	79.3089, 0.3094, 0.3279
Android (android.graphics.Color)	4293126120 (0xFFE3E7E8)
YUV	229.9180, 1.0264, -2.5591
Hunter-Lab	89.0555, -5.8805, 3.9456

Details

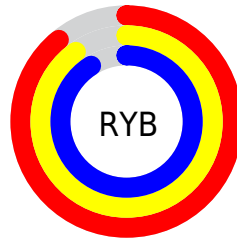
The XYZ color **74.8200, 79.3089, 87.7086** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8875, 78.1880, 83.8192**, and the grayscale version is **75.1492, 79.0628, 86.0994**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1797, 42.5652, 47.1725** is the 20% darker color. If you saturate the color by 10%, you get **66.7137, 73.2366, 86.9650**, and if you desaturate by 10%, it is **83.9510, 85.9646, 88.5132**.

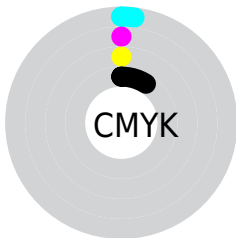
Distribution



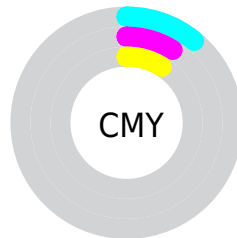
- Red (89%)
- Green (91%)
- Blue (91%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8200, 79.3089, 87.7086 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.8200, 79.3089, 87.7086 by changing the saturation by 10% instead.

■ 74.8200, 79.3089,
87.7086

■ 74.8200, 79.3089,
87.7086

466.3054,
492.6007, 540.9250

■ 55.7591, 59.1498,
65.5188

125.0468,
132.3936, 146.0590

■ 40.2460, 42.7337,
47.4279

156.9434,
166.0881, 183.0566

■ 27.9155, 29.6763,
33.0173

193.8493,
205.0631, 225.8273

■ 18.4021, 19.5930,
21.8684

236.1298,
249.7031, 274.7895

■ 11.3405, 12.0995,
13.5629

284.1503,
300.3925, 330.3619

■ 6.3653, 6.8115,
7.6820

338.2762,

■ 3.1112, 3.3445,

357.5156, 392.9629

3.8073

398.8728,
421.4569, 463.0111

■ 1.2129, 1.3141,
1.5202

■ 0.1165, 0.1521,
0.2329

■ 74.8200, 79.3089,
87.7086

■ 74.8200, 79.3089,
87.7086

■ 66.7137, 73.2366,
86.9650

■ 83.9510, 85.9646,
88.5132

■ 59.5860, 67.7169,
86.2752

■ 87.0397, 89.5543,
89.0433

■ 53.3969, 62.7311,
85.6391

■ 88.4199, 92.3147,
89.5034

■ 48.1015, 58.2556,
85.0543

■ 89.8351, 95.1450,
89.9751

■ 43.6508, 54.2646,
84.5186

■ 91.2854, 98.0457,
90.4585

■ 39.9908, 50.7301,
84.0292

■ 91.5657, 98.6063,
90.5520

■ 37.0613, 47.6205,
83.5834

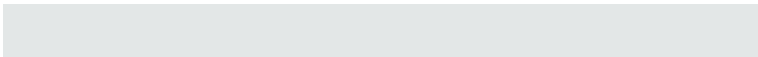
■ 34.7931, 44.8997,
83.1778

■ 33.1027, 42.5244,
82.8084

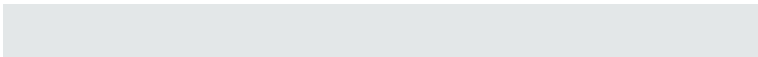
Harmonies

Analogous

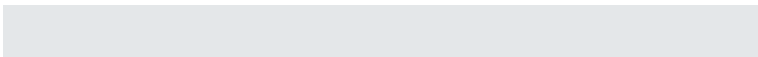
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6609, 79.3089, 86.7166



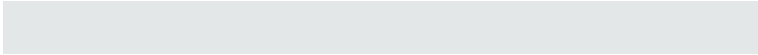
74.8200, 79.3089, 87.7086



75.1295, 79.3089, 88.3410

Triad

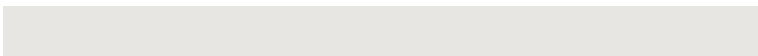
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8200, 79.3089, 87.7086



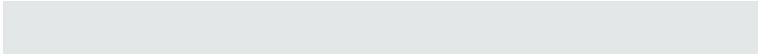
76.0714, 79.3089, 87.0763



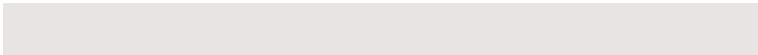
75.2543, 79.3089, 84.3023

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



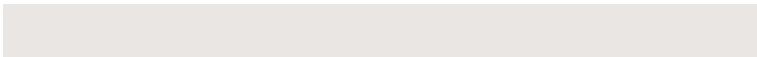
74.8200, 79.3089, 87.7086



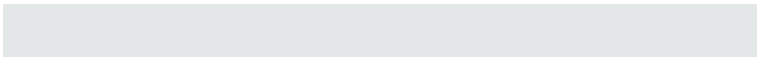
74.8875, 78.1880, 83.8192

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6325, 79.3089, 84.3968



74.8200, 79.3089, 87.7086



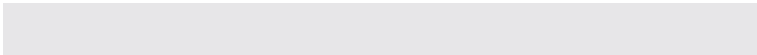
76.1051, 79.3089, 85.9922

Square

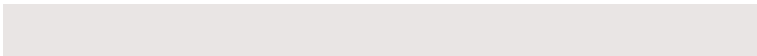
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



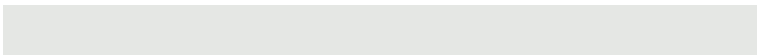
74.8200, 79.3089, 87.7086



75.8523, 79.3089, 87.9738



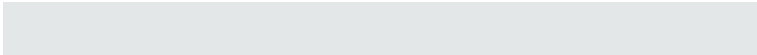
75.9443, 79.3089, 85.0132



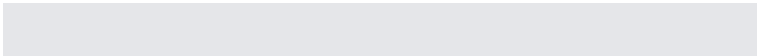
74.9111, 79.3089, 84.7540

Rectangle

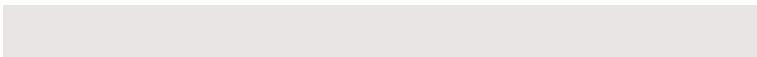
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8200, 79.3089, 87.7086



75.3799, 79.3089, 88.4705



75.9443, 79.3089, 85.0132



75.3816, 79.3089, 84.2714

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.8223, 79.3123, 87.7103



93.9562, 99.1958, 108.8024



74.5285, 79.6422, 84.7839



20.1220, 21.2405, 23.2892



0.0000, 0.0000, 0.0000



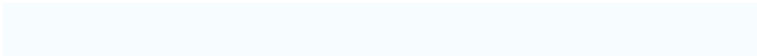
20.3446, 21.4041, 23.3091

Same Dimension

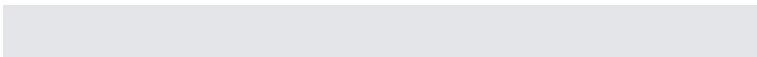
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8223, 79.3123, 87.7103



91.8070, 97.6091, 108.6094



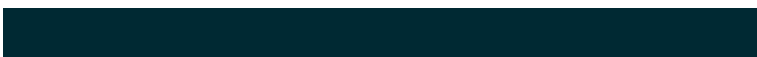
74.1495, 77.9668, 87.4861



15.5292, 16.5549, 18.5213



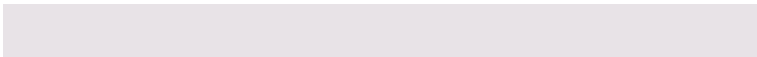
17.8985, 22.8591, 45.8521



1.3849, 1.8137, 3.4091

Inverse Universe

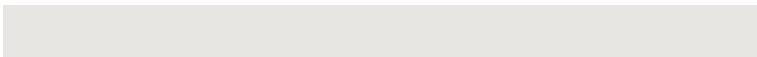
The Inverse Universe completely reimagines the original color for something new.



75.1734, 77.8651, 86.6727



92.4134, 95.1180, 106.8152



75.5580, 79.5290, 84.0427



15.6585, 16.0255, 18.1384



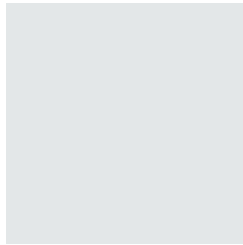
23.4279, 11.5054, 26.9458



1.7627, 0.8628, 2.1566

Previews

White Background



This preview shows how the XYZ color 74.8200, 79.3089, 87.7086 looks on a white background.

Color Contrast Check

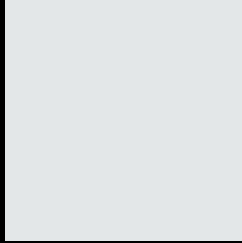
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.8200, 79.3089, 87.7086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

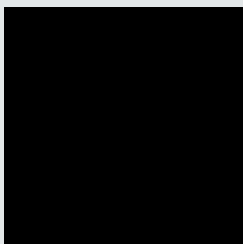
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

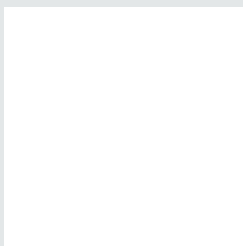
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8200, 79.3089, 87.7086

Background



This preview shows how black text looks on a background with the XYZ color 74.8200, 79.3089, 87.7086.



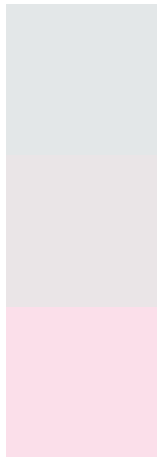
This preview shows how white text looks on a background with the XYZ color 74.8200, 79.3089,

87.7086.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.8200, 79.3089, 87.7086

Protanopia

76.3748, 79.3006, 86.8825

Deuteranopia

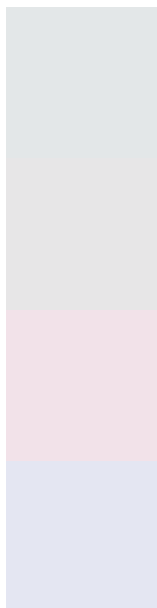
81.0226, 79.2251, 88.8635



Tritanopia

77.1209, 79.4120, 99.2590

Trichromacy



Original Color

74.8200, 79.3089, 87.7086

Protanomaly

75.6756, 79.3521, 86.9293

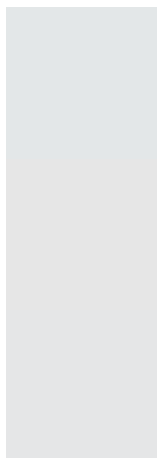
Deuteranomaly

78.5223, 79.1532, 88.2303

Tritanomaly

76.3187, 79.4984, 95.3267

Monochromacy



Original Color

74.8200, 79.3089, 87.7086

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0337, 79.0212, 86.8992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8200, 79.3089, 87.7086 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(227, 231, 232) looks like.

```
.text, #text, p{  
    color:rgb(227, 231, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 231, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.8200, 79.3089, 87.7086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 231, 232) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(227, 231, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(227, 231, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 231,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8200, 79.3089, 87.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 231, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
231, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor