

Converting Colors

XYZ(75.8202, 79.4126, 87.6769)

Have a look what the booklet for
XYZ(75.8202, 79.4126, 87.6769)
contains.

XYZ(75.8173, 79.4087, 87.6754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(75.8173, 79.4087,
87.6754)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E6E8
RGB	231, 230, 232
RGB Percent	91%, 90%, 91%
CMY	0.0941, 0.0980, 0.0902
CMYK	0.00, 0.01, 0.00, 0.09
HSL	270°, 4%, 91%
HSV	270°, 1%, 91%
XYZ	75.8173, 79.4087, 87.6754
YIQ	230.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

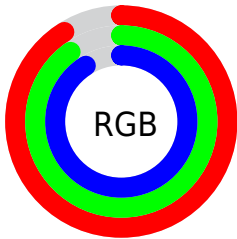
Format	Color
R _Y B	231, 230, 232
Decimal	15197928
CIE Lab	91.42, 0.70, -0.86
CIE LCh	91, 1.109, 308.988
Yxy	79.4087, 0.3121, 0.3269
Android (android.graphics.Color)	4293388008 (0xFFE7E6E8)
YUV	230.5270, 0.7262, 0.4148
Hunter-Lab	89.1116, -4.0751, 4.0436

Details

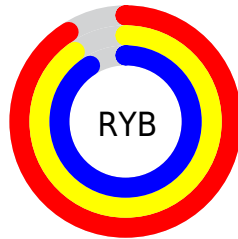
The XYZ color **75.8173, 79.4087, 87.6754** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0975, 80.4175, 86.3782**, and the grayscale version is **75.6010, 79.5381, 86.6170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8456, 42.9085, 47.2037** is the 20% darker color. If you saturate the color by 10%, you get **66.1590, 65.4766, 85.4965**, and if you desaturate by 10%, it is **86.5885, 95.1946, 90.1559**.

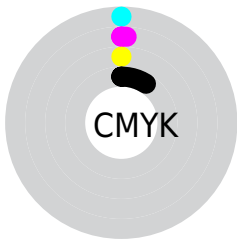
Distribution



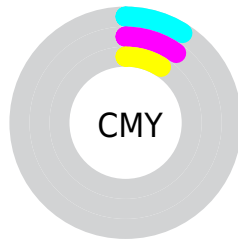
- Red (91%)
- Green (90%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8173, 79.4087, 87.6754 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 75.8173, 79.4087, 87.6754 by changing the saturation by 10% instead.

■ 75.8173, 79.4087,
87.6754

■ 75.8173, 79.4087,
87.6754

469.6761,
492.9379, 540.8134

■ 56.5792, 59.2319,
65.4915

126.4504,
132.5341, 146.0123

■ 40.9063, 42.7998,
47.4058

158.5760,
166.2514, 183.0024

■ 28.4333, 29.7281,
33.0000

195.7283,
205.2511, 225.7649

■ 18.7946, 19.6323,
21.8553

238.2726,
249.9175, 274.7185

■ 11.6251, 12.1280,
13.5533

286.5741,
300.6349, 330.2815

■ 6.5593, 6.8309,
7.6755

340.9983,

■ 3.2319, 3.3566,

357.7879, 392.8727

3.8032

401.9105,
421.7607, 462.9105

■ 1.2776, 1.3206,
1.5180

■ 0.1663, 0.1571,
0.2313

■ 75.8173, 79.4087,
87.6754

■ 75.8173, 79.4087,
87.6754

■ 66.1590, 65.4766,
85.4965

■ 86.5885, 95.1946,
90.1559

■ 57.5684, 53.3181,
83.6024

■ 91.2890, 98.4637,
90.5391

■ 50.0068, 42.8623,
81.9828

■ 91.5657, 98.6063,
90.5521

■ 43.4305, 34.0296,
80.6245

■ 37.7927, 26.7336,
79.5134

■ 33.0419, 20.8799,
78.6339

■ 29.1214, 16.3632,
77.9687

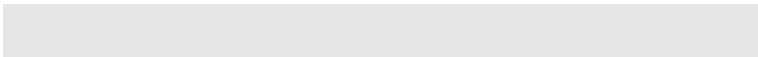
■ 25.9664, 13.0631,
77.4980

■ 23.5009, 10.8362,
77.1981

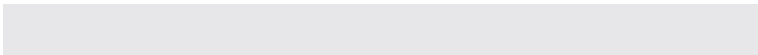
Harmonies

Analogous

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



75.5603, 79.4087, 88.0057



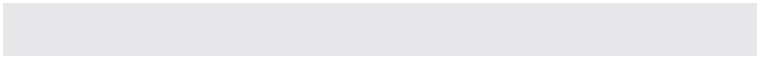
75.8173, 79.4087, 87.6754



75.9830, 79.4087, 87.0207

Triad

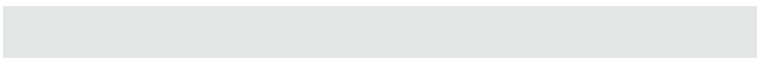
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8173, 79.4087, 87.6754



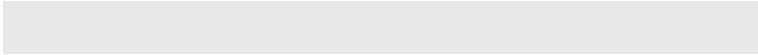
75.6702, 79.4087, 85.0208



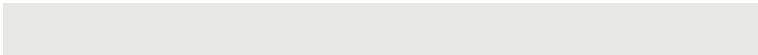
74.9412, 79.4087, 86.7055

Complementary

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



75.8173, 79.4087, 87.6754



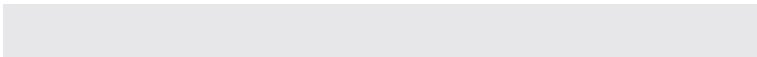
76.0975, 80.4175, 86.3782

Split Complementary

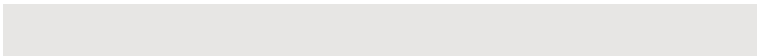
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9705, 79.4087, 85.9069



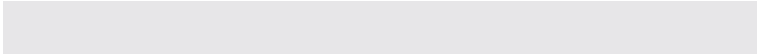
75.8173, 79.4087, 87.6754



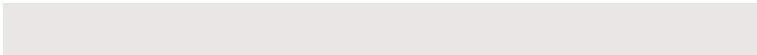
75.3909, 79.4087, 84.9376

Square

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



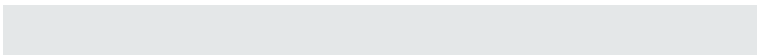
75.8173, 79.4087, 87.6754



75.8979, 79.4087, 85.4891



75.1349, 79.4087, 85.2610



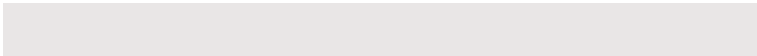
75.0549, 79.4087, 87.4434

Rectangle

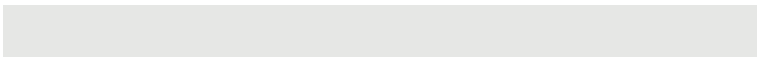
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8173, 79.4087, 87.6754



76.0191, 79.4087, 86.4900



75.1349, 79.4087, 85.2610



74.9347, 79.4087, 86.4352

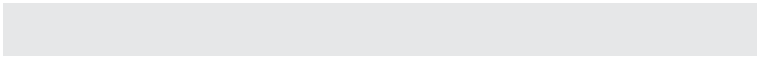
Sweetspot

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



75.8196, 79.4121, 87.6771

95.0500, 100.0000, 108.9000



75.7868, 79.8226, 87.7581



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



75.8196, 79.4121, 87.6771



93.7735, 98.1423, 108.6087



76.1325, 79.5734, 87.6918



16.0149, 16.7664, 18.5365



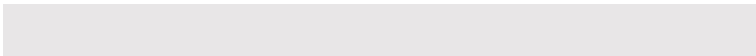
12.2135, 5.3622, 42.7745



1.0097, 0.4515, 3.1659

Inverse Universe

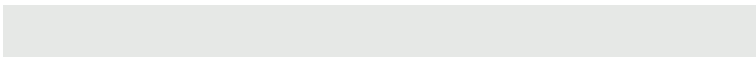
The Inverse Universe completely reimagines the original color for something new.



76.0021, 79.5225, 86.9490



94.0377, 98.3021, 107.5551



75.7863, 80.2570, 86.3637



16.0573, 16.7920, 18.3674



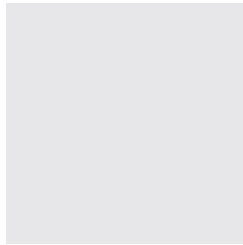
20.2960, 10.2526, 10.4536



1.5467, 0.7764, 1.0194

Previews

White Background



This preview shows how the XYZ color 75.8173, 79.4087, 87.6754 looks on a white background.

Color Contrast Check

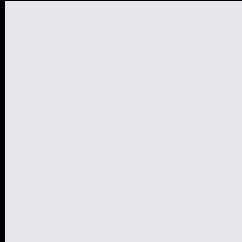
Large Text (above 18pt) WCAG AA × Fail

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 75.8173, 79.4087, 87.6754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

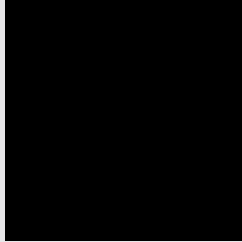
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

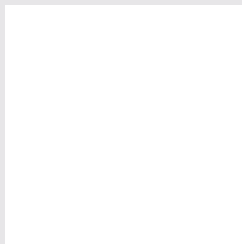
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8173, 79.4087, 87.6754

Background



This preview shows how black text looks on a background with the XYZ color 75.8173, 79.4087, 87.6754.



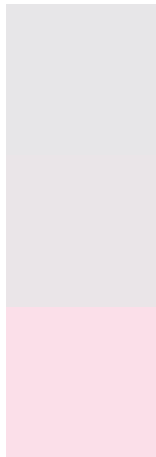
This preview shows how white text looks on a background with the XYZ color 75.8173, 79.4087,

87.6754.

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

75.8173, 79.4087, 87.6754

Protanopia

76.5165, 79.3572, 87.6286

Deuteranopia

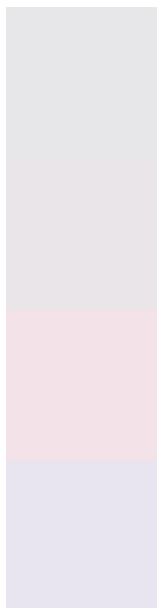
80.8793, 79.1678, 88.1089



Tritanopia

77.9822, 79.4643, 98.4168

Trichromacy



Original Color

75.8173, 79.4087, 87.6754

Protanomaly

76.1891, 79.1885, 87.6132

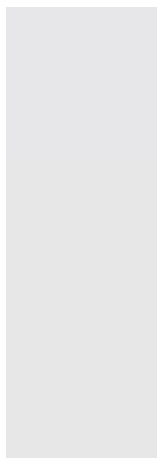
Deuteranomaly

79.2126, 79.5090, 88.2626

Tritanomaly

77.1752, 79.5453, 94.5053

Monochromacy



Original Color

75.8173, 79.4087, 87.6754

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9547, 79.9103, 87.0223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8173, 79.4087, 87.6754 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(231, 230, 232) looks like.

```
.text, #text, p{  
    color:rgb(231, 230, 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(231, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 230, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.8173, 79.4087, 87.6754 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(231, 230, 232) }
```

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

```
.border{ border-color:rgb(231, 230, 232) }
```

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

Here you see how a box with a 4 pixel rgb(231, 230, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 230, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 230, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 230,  
232) }
```


Background

The CSS property to change the background color of an element to XYZ 75.8173, 79.4087, 87.6754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 230, 232) }
```

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

```
.background{ background-color: rgb(231,  
230, 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