

Converting Colors

XYZ(74.1426, 77.7923, 88.3590)

Have a look what the booklet for
XYZ(74.1426, 77.7923, 88.3590)
contains.

XYZ(74.1299, 77.7009, 88.1815)	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(74.1299, 77.7009,
88.1815)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E4E9
RGB	227, 228, 233
RGB Percent	89%, 89%, 91%
CMY	0.1098, 0.1059, 0.0863
CMYK	0.03, 0.02, 0.00, 0.09
HSL	230°, 12%, 90%
HSV	230°, 3%, 91%
XYZ	74.1299, 77.7009, 88.1815
YIQ	228.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

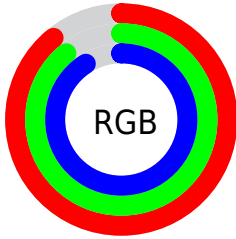
Format	Color
R _{YB}	227, 228, 233
Decimal	14935273
CIE Lab	90.64, 0.58, -2.56
CIE LCh	91, 2.620, 282.677
Yxy	77.7009, 0.3089, 0.3237
Android (android.graphics.Color)	4293125353 (0xFFE3E4E9)
YUV	228.2710, 2.3314, -1.1147
Hunter-Lab	88.1481, -4.1461, 2.3912

Details

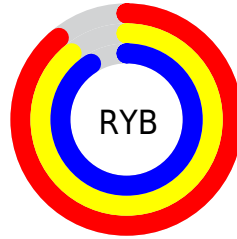
The XYZ color **74.1299, 77.7009, 88.1815** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3260, 80.5819, 84.2052**, and the grayscale version is **73.9277, 77.7776, 84.6999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8926, 41.8321, 47.5668** is the 20% darker color. If you saturate the color by 10%, you get **62.2317, 64.0854, 86.1817**, and if you desaturate by 10%, it is **87.6260, 93.0337, 90.4309**.

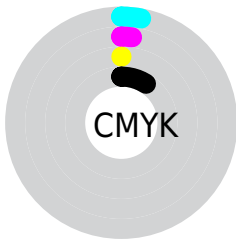
Distribution



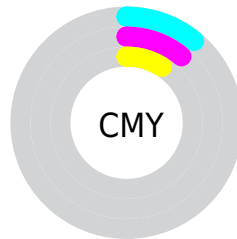
- Red (89%)
- Green (89%)
- Blue (91%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1299, 77.7009, 88.1815 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 74.1299, 77.7009, 88.1815 by changing the saturation by 10% instead.

■ 74.1299, 77.7009,
88.1815

■ 74.1299, 77.7009,
88.1815

463.9650,
487.1505, 542.5141

■ 55.1920, 57.8283,
65.9082

124.0744,
130.1284, 146.7232

■ 39.7899, 41.6706,
47.7419

155.8118,
163.4521, 183.8286

■ 27.5583, 28.8435,
33.2640

192.5464,
202.0283, 226.7152

■ 18.1317, 18.9624,
22.0560

234.6436,
246.2414, 275.8015

■ 11.1448, 11.6431,
13.6993

282.4686,
296.4757, 331.5060

■ 6.2324, 6.5012,
7.7755

336.3870,

■ 3.0289, 3.1522,

353.1158, 394.2472

3.8659

396.7640,
416.5459, 464.4438

■ 1.1691, 1.2117,
1.5521

■ 0.0817, 0.0712,
0.2563

■ 74.1299, 77.7009,
88.1815

■ 74.1299, 77.7009,
88.1815

■ 62.2317, 64.0854,
86.1817

■ 87.6260, 93.0337,
90.4309

■ 51.8654, 52.1173,
84.4180

■ 91.7082, 98.6633,
91.3023

■ 42.9701, 41.7366,
82.8832

■ 35.4783, 32.8758,
81.5677

■ 29.3172, 25.4627,
80.4616

■ 24.4073, 19.4189,
79.5538

■ 20.6602, 14.6582,
78.8324

■ 17.9759, 11.0847,
78.2841

■ 16.2359, 8.5874,
77.8938

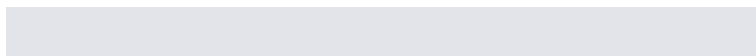
Harmonies

Analogous

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



73.4769, 77.7009, 88.1035



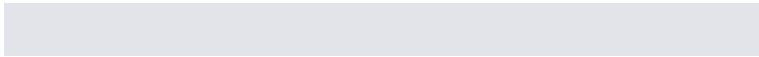
74.1299, 77.7009, 88.1815



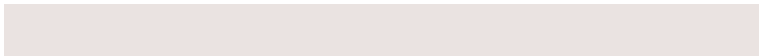
74.7119, 77.7009, 87.2904

Triad

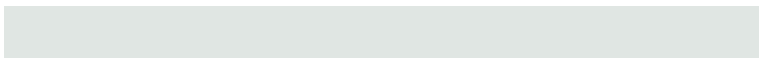
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1299, 77.7009, 88.1815



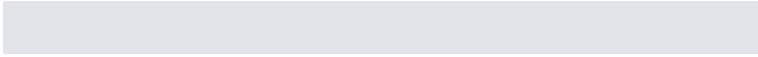
74.7849, 77.7009, 82.1747



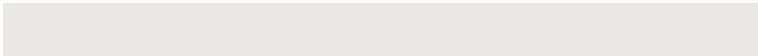
72.6532, 77.7009, 83.5305

Complementary

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



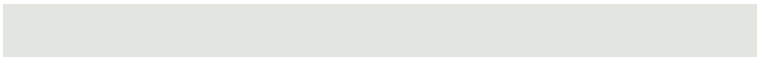
74.1299, 77.7009, 88.1815



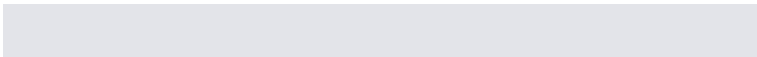
76.3260, 80.5819, 84.2052

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.



72.9995, 77.7009, 81.9714



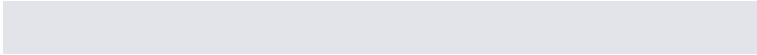
74.1299, 77.7009, 88.1815



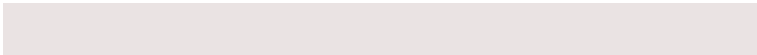
74.2291, 77.7009, 81.1966

Square

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



74.1299, 77.7009, 88.1815



75.0915, 77.7009, 83.8117



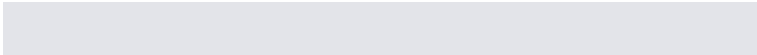
73.5755, 77.7009, 81.1228



72.6269, 77.7009, 85.3994

Rectangle

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



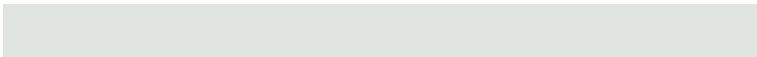
74.1299, 77.7009, 88.1815



74.9802, 77.7009, 86.2743



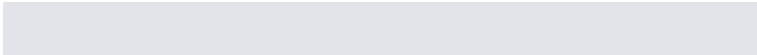
73.5755, 77.7009, 81.1228



72.7359, 77.7009, 82.9535

Sweetspot

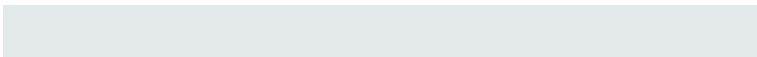
The Sweet Spot groups the original color and five complimentary colors.



74.1321, 77.7042, 88.1832



93.4444, 98.1723, 108.6318



75.3699, 80.4304, 87.8228



20.0179, 21.0322, 23.2545



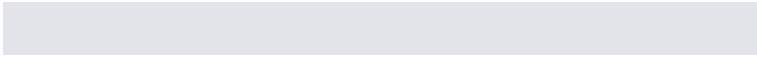
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.1321, 77.7042, 88.1832



90.2928, 94.5807, 108.1047



74.4594, 77.4641, 88.1196



15.9374, 16.6744, 19.3007



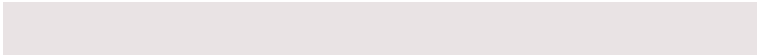
8.8174, 4.2818, 44.1047



0.7526, 0.4566, 3.4834

Inverse Universe

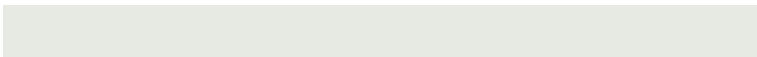
The Inverse Universe completely reimagines the original color for something new.



75.0786, 77.8646, 84.4751



91.6491, 94.8123, 102.7905



75.9925, 80.8307, 84.2708



16.2408, 16.7268, 18.1117



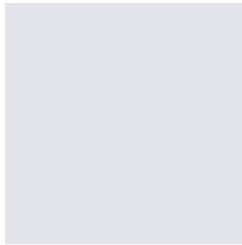
19.3059, 9.9251, 2.1463



1.5464, 0.7915, 0.3286

Previews

White Background



This preview shows how the XYZ color 74.1299, 77.7009, 88.1815 looks on a white background.

Color Contrast Check

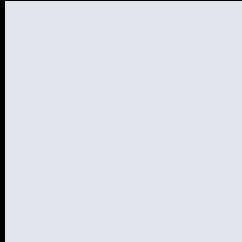
Large Text (above 18pt) WCAG AA × Fail

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 74.1299, 77.7009, 88.1815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

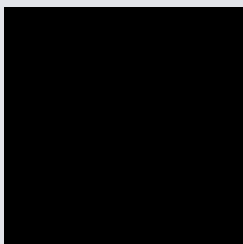
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

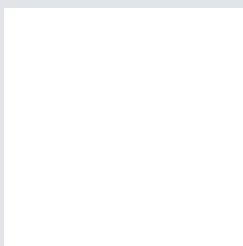
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1299, 77.7009, 88.1815

Background



This preview shows how black text looks on a background with the XYZ color 74.1299, 77.7009, 88.1815.



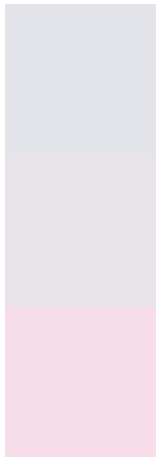
This preview shows how white text looks on a background with the XYZ color 74.1299, 77.7009, 88.1815.

88.1815.

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

74.1299, 77.7009, 88.1815

Protanopia

74.9896, 77.7533, 87.3994

Deuteranopia

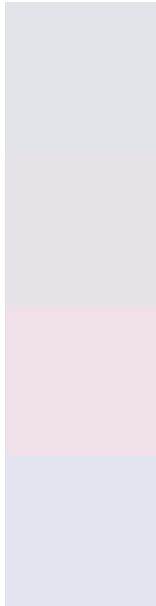
79.0655, 77.4276, 88.6197



Tritanopia

75.8386, 77.5824, 96.5657

Trichromacy



Original Color

74.1299, 77.7009, 88.1815

Protanomaly

74.6677, 77.5874, 87.3844

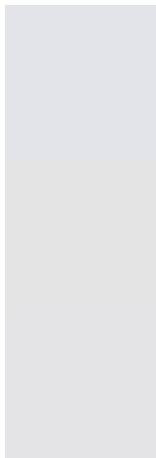
Deuteranomaly

77.4421, 77.7771, 88.7727

Tritanomaly

75.1922, 77.7234, 93.4771

Monochromacy



Original Color

74.1299, 77.7009, 88.1815

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0212, 77.6940, 85.9580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1299, 77.7009, 88.1815 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, 228, 233) looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 233)  
}
```

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, 228, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.1299, 77.7009, 88.1815 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, 228, 233) }
```


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

```
.border{ border-color:rgb(227, 228, 233) }
```

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

Here you see how a box with a 4 pixel rgb(227, 228, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 228, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 228, 233);  
box-shadow:4px 4px 4px 4px rgb(227, 228,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1299, 77.7009, 88.1815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 233) }
```

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

```
.background{ background-color: rgb(227,  
228, 233) }
```

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