

Converting Colors

XYZ(74.1229, 77.0956, 87.6911)

Have a look what the booklet for
XYZ(74.1229, 77.0956, 87.6911)
contains.

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Color

**XYZ(74.4902, 77.4794,
88.1198)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E3E9
RGB	229, 227, 233
RGB Percent	90%, 89%, 91%
CMY	0.1020, 0.1098, 0.0863
CMYK	0.02, 0.03, 0.00, 0.09
HSL	260°, 12%, 90%
HSV	260°, 3%, 91%
XYZ	74.4902, 77.4794, 88.1198
YIQ	228.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

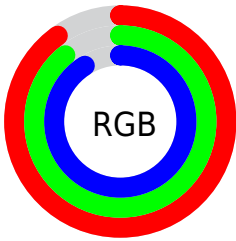
Format	Color
R _Y B	229, 227, 233
Decimal	15066089
CIE Lab	90.54, 1.76, -2.69
CIE LCh	91, 3.211, 303.166
Yxy	77.4794, 0.3103, 0.3227
Android (android.graphics.Color)	4293256169 (0xFFE5E3E9)
YUV	228.2820, 2.3260, 0.6297
Hunter-Lab	88.0224, -2.9810, 2.2601

Details

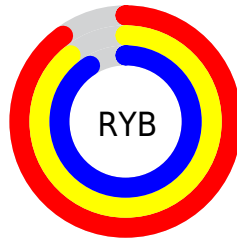
The XYZ color **74.4902, 77.4794, 88.1198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9620, 80.8149, 84.2722**, and the grayscale version is **73.9350, 77.7854, 84.7083**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1439, 41.6780, 47.5238** is the 20% darker color. If you saturate the color by 10%, you get **63.8049, 63.1438, 85.9171**, and if you desaturate by 10%, it is **86.4864, 93.7753, 90.6341**.

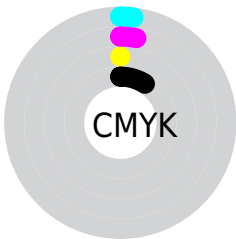
Distribution



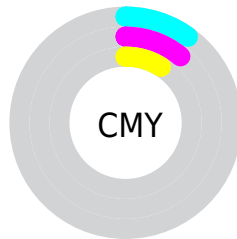
- Red (90%)
- Green (89%)
- Blue (91%)



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



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



- Cyan (10%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4902, 77.4794, 88.1198 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 74.4902, 77.4794, 88.1198 by changing the saturation by 10% instead.

■ 74.4902, 77.4794,
88.1198

■ 74.4902, 77.4794,
88.1198

465.1877,
486.3970, 542.3069

■ 55.4880, 57.6464,
65.8574

124.5822,
129.8160, 146.6365

■ 40.0280, 41.5245,
47.7009

156.4028,
163.0884, 183.7279

■ 27.7447, 28.7291,
33.2318

193.2269,
201.6094, 226.5994

■ 18.2728, 18.8760,
22.0315

235.4199,
245.7633, 275.6695

■ 11.2469, 11.5807,
13.6815

283.3471,
295.9347, 331.3568

■ 6.3016, 6.4589,
7.7633

337.3739,

■ 3.0717, 3.1261,

352.5078, 394.0798

3.8582

397.8657,
415.8671, 464.2570

■ 1.1918, 1.1979,
1.5479

■ 0.0999, 0.0600,
0.2532

■ 74.4902, 77.4794,
88.1198

■ 74.4902, 77.4794,
88.1198

■ 63.8049, 63.1438,
85.9171

■ 86.4864, 93.7753,
90.6341

■ 54.3778, 50.6839,
84.0090

■ 91.7082, 98.6633,
91.3024

■ 46.1624, 40.0232,
82.3842

■ 39.1066, 31.0765,
81.0292

■ 33.1544, 23.7511,
79.9290

■ 28.2446, 17.9456,
79.0672

■ 24.3097, 13.5467,
78.4255

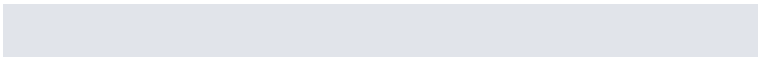
■ 21.2730, 10.4244,
77.9829

■ 19.0441, 8.4232,
77.7141

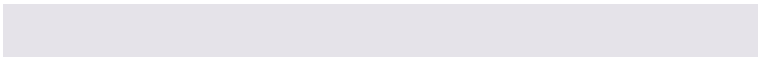
Harmonies

Analogous

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



73.7272, 77.4794, 88.8569



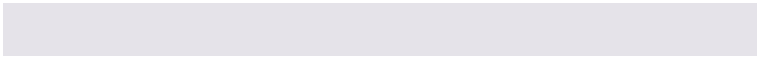
74.4902, 77.4794, 88.1198



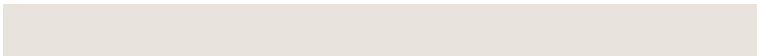
75.0289, 77.4794, 86.3748

Triad

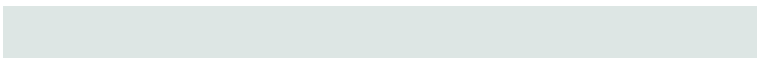
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4902, 77.4794, 88.1198



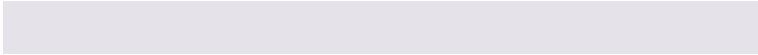
74.3414, 77.4794, 80.4753



72.1101, 77.4794, 84.6065

Complementary

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



74.4902, 77.4794, 88.1198



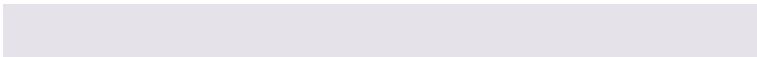
75.9620, 80.8149, 84.2722

Split Complementary

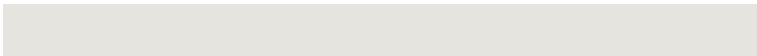
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2720, 77.4794, 82.3805



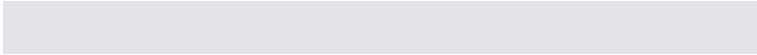
74.4902, 77.4794, 88.1198



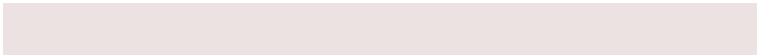
73.5566, 77.4794, 80.0211

Square

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



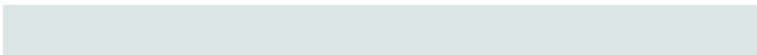
74.4902, 77.4794, 88.1198



74.9426, 77.4794, 81.9646



72.8000, 77.4794, 80.7124



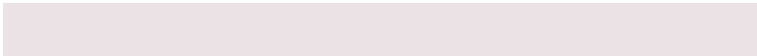
72.3563, 77.4794, 86.8055

Rectangle

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



74.4902, 77.4794, 88.1198



75.1864, 77.4794, 84.8894



72.8000, 77.4794, 80.7124



72.1186, 77.4794, 83.8366

Sweetspot

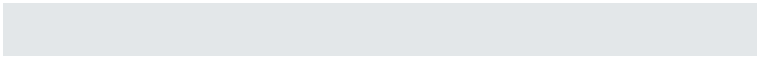
The Sweet Spot groups the original color and five complimentary colors.



74.4924, 77.4827, 88.1215



93.6188, 98.0626, 108.6015



74.9932, 79.4245, 88.4699



20.0534, 21.0099, 23.2483



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.



74.4924, 77.4827, 88.1215



90.8053, 94.2607, 108.0159



75.4258, 77.9639, 88.1652



16.0516, 16.6032, 19.2810



10.2258, 4.3075, 44.0354



0.9016, 0.3891, 3.4625

Inverse Universe

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



75.4999, 78.0349, 86.6883



92.2505, 95.0528, 105.9573



75.0334, 80.3362, 84.2287



16.3751, 16.7806, 18.8191



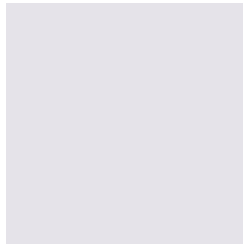
22.5052, 11.2048, 18.9935



1.8115, 0.8976, 1.7247

Previews

White Background



This preview shows how the XYZ color 74.4902, 77.4794, 88.1198 looks on a white background.

Color Contrast Check

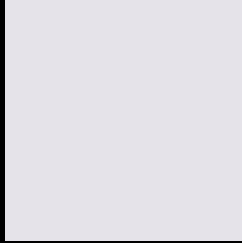
Large Text (above 18pt) WCAG AA × Fail

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 74.4902, 77.4794, 88.1198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

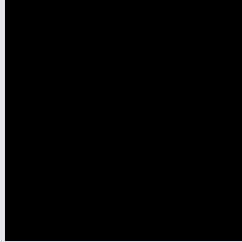
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

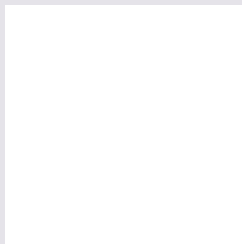
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4902, 77.4794, 88.1198

Background



This preview shows how black text looks on a background with the XYZ color 74.4902, 77.4794, 88.1198.



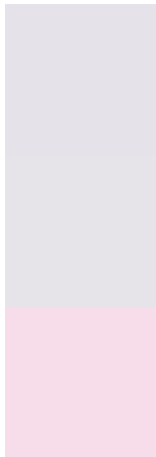
This preview shows how white text looks on a background with the XYZ color 74.4902, 77.4794,

88.1198.

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

74.4902, 77.4794, 88.1198

Protanopia

74.8102, 77.6444, 88.1347

Deuteranopia

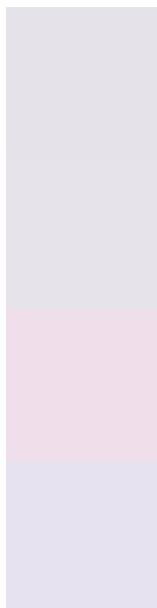
79.0655, 77.4276, 88.6197



Tritanopia

76.0579, 77.3104, 95.7077

Trichromacy



Original Color

74.4902, 77.4794, 88.1198

Protanomaly

74.8102, 77.6444, 88.1347

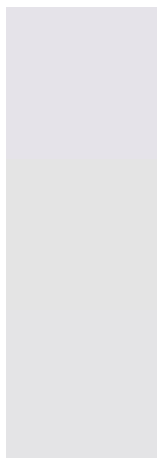
Deuteranomaly

77.1741, 77.2411, 88.6834

Tritanomaly

75.4095, 77.4477, 92.6358

Monochromacy



Original Color

74.4902, 77.4794, 88.1198

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 74.4902, 77.4794, 88.1198 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(229, 227, 233) looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 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(229, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.4902, 77.4794, 88.1198 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(229, 227, 233) }
```


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

```
.border{ border-color:rgb(229, 227, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(229, 227,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4902, 77.4794, 88.1198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 233) }
```

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

```
.background{ background-color: rgb(229,  
227, 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](#).

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