

Converting Colors

XYZ(75.4291, 77.3690, 88.3927)

Have a look what the booklet for
XYZ(75.4291, 77.3690, 88.3927)
contains.

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Color

**XYZ(75.5086, 77.5995,
88.0893)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E2E9
RGB	233, 226, 233
RGB Percent	91%, 89%, 91%
CMY	0.0863, 0.1137, 0.0863
CMYK	0.00, 0.03, 0.00, 0.09
HSL	300°, 14%, 90%
HSV	300°, 3%, 91%
XYZ	75.5086, 77.5995, 88.0893
YIQ	228.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

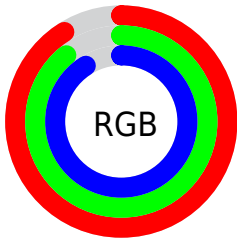
Format	Color
R _{YB}	233, 226, 233
Decimal	15327977
CIE Lab	90.60, 3.61, -2.57
CIE LCh	91, 4.433, 324.542
Yxy	77.5995, 0.3131, 0.3217
Android (android.graphics.Color)	4293518057 (0xFFE9E2E9)
YUV	228.8910, 2.0257, 3.6036
Hunter-Lab	88.0906, -1.1537, 2.3743

Details

The XYZ color **75.5086, 77.5995, 88.0893** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2333, 79.9396, 83.4728**, and the grayscale version is **74.3825, 78.2562, 85.2210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6302, 41.6473, 47.4923** is the 20% darker color. If you saturate the color by 10%, you get **69.5993, 65.7799, 86.1205**, and if you desaturate by 10%, it is **82.2832, 91.1476, 90.3485**.

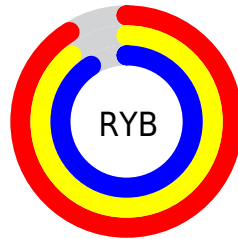
Distribution



Red (91%)

Green (89%)

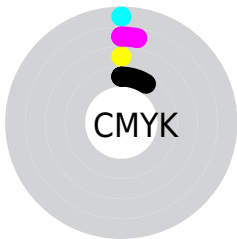
Blue (91%)



Red (91%)

Yellow (89%)

Blue (91%)

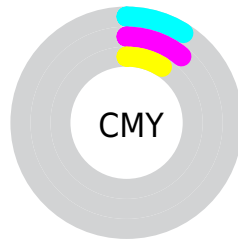


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5086, 77.5995, 88.0893 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 75.5086, 77.5995, 88.0893 by changing the saturation by 10% instead.

75.5086, 77.5995,
88.0893

75.5086, 77.5995,
88.0893

468.6342,
486.8056, 542.2045

56.3253, 57.7450,
65.8323

126.0161,
129.9854, 146.5937

40.7018, 41.6037,
47.6806

158.0710,
163.2856, 183.6782

28.2728, 28.7911,
33.2159

195.1472,
201.8365, 226.5422

18.6729, 18.9229,
22.0194

237.6100,
246.0226, 275.6043

11.5368, 11.6146,
13.6727

285.8247,
296.2281, 331.2830

6.4990, 6.4818,
7.7572

340.1567,

3.1943, 3.1402,

352.8375, 393.9970

3.8545

400.9714,
416.2352, 464.1646

■ 1.2574, 1.2054,
1.5458

■ 0.1509, 0.0661,
0.2517

■ 75.5086, 77.5995,
88.0893

■ 75.5086, 77.5995,
88.0893

■ 69.5993, 65.7799,
86.1205

■ 82.2832, 91.1476,
90.3485

■ 64.5143, 55.6100,
84.4255

■ 84.0731, 94.7272,
90.9450

■ 60.2190, 47.0193,
82.9937

■ 84.0731, 94.7272,
90.9451

■ 56.6737, 39.9288,
81.8120

■ 84.0731, 94.7273,
90.9451

53.8354, 34.2523,
80.8659

84.0732, 94.7273,
90.9451

51.6569, 29.8953,
80.1397

84.0732, 94.7273,
90.9451

50.0849, 26.7515,
79.6158

84.0733, 94.7273,
90.9451

49.0582, 24.6981,
79.2735

84.0733, 94.7273,
90.9451

48.5025, 23.5867,
79.0883

84.0733, 94.7274,
90.9451

Harmonies

Analogous

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



74.6463, 77.5995, 90.1772



75.5086, 77.5995, 88.0893



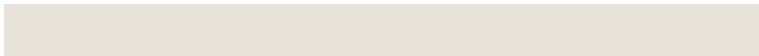
75.9016, 77.5995, 85.0756

Triad

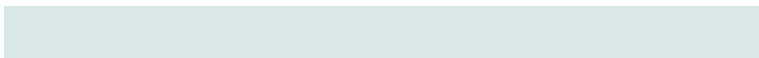
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5086, 77.5995, 88.0893



73.9592, 77.5995, 78.5514



71.8310, 77.5995, 87.0577

Complementary

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



75.5086, 77.5995, 88.0893



74.2333, 79.9396, 83.4728

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.



71.6512, 77.5995, 83.9124



75.5086, 77.5995, 88.0893



72.8728, 77.5995, 79.0522

Square

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



75.5086, 77.5995, 88.0893



75.0014, 77.5995, 79.6098



72.0307, 77.5995, 80.9953



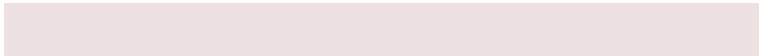
72.5245, 77.5995, 89.5712

Rectangle

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



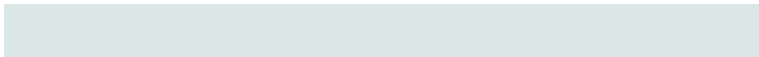
75.5086, 77.5995, 88.0893



75.8418, 77.5995, 82.9668



72.0307, 77.5995, 80.9953



71.7088, 77.5995, 86.0371

Sweetspot

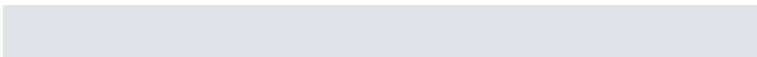
The Sweet Spot groups the original color and five complimentary colors.



75.5108, 77.6028, 88.0910



94.2419, 98.3838, 108.6306



73.3035, 76.5120, 87.9968



20.1802, 21.0752, 23.2543



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.



75.5108, 77.6028, 88.0910



91.8819, 93.6639, 107.8440



75.0322, 77.4114, 85.5708



16.3371, 16.5582, 19.2572



27.4132, 13.1679, 44.8398



2.1526, 1.0340, 3.5210

Inverse Universe

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



74.5308, 77.2108, 82.9304



90.2828, 93.0242, 99.4233



74.7020, 80.1271, 85.9412



16.0018, 16.4241, 17.4916



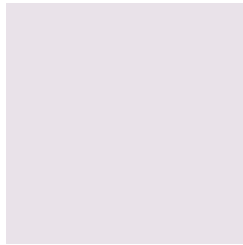
19.0678, 9.8298, 0.8924



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 75.5086, 77.5995, 88.0893 looks on a white background.

Color Contrast Check

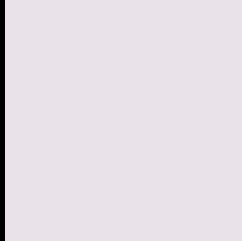
Large Text (above 18pt) WCAG AA × Fail

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 75.5086, 77.5995, 88.0893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

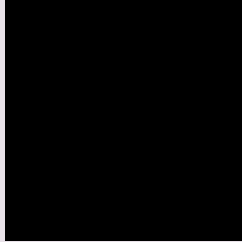
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

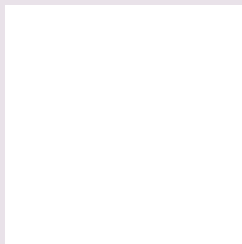
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5086, 77.5995, 88.0893

Background



This preview shows how black text looks on a background with the XYZ color 75.5086, 77.5995, 88.0893.

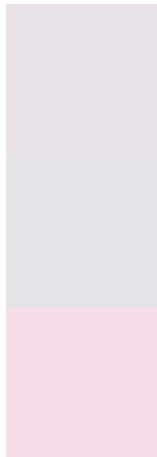


This preview shows how white text looks on a background with the XYZ color 75.5086, 77.5995,

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

75.5086, 77.5995, 88.0893

Protanopia

74.8102, 77.6444, 88.1347

Deuteranopia

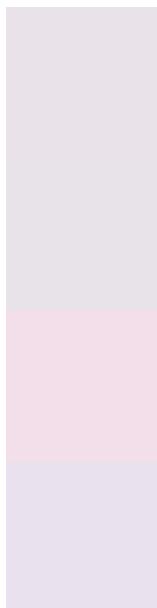
79.0655, 77.4276, 88.6197



Tritanopia

76.8839, 77.7537, 94.9601

Trichromacy



Original Color

75.5086, 77.5995, 88.0893

Protanomaly

75.1321, 77.8103, 88.1498

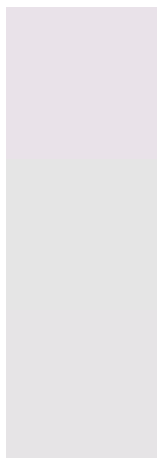
Deuteranomaly

77.8569, 77.5931, 88.7154

Tritanomaly

76.4369, 77.5748, 92.6061

Monochromacy



Original Color

75.5086, 77.5995, 88.0893

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6595, 78.0230, 85.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5086, 77.5995, 88.0893 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(233, 226, 233) looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 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(233, 226, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.5086, 77.5995, 88.0893 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(233, 226, 233) }
```


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

```
.border{ border-color:rgb(233, 226, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 233);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5086, 77.5995, 88.0893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 233) }
```

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

```
.background{ background-color: rgb(233,  
226, 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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