

Converting Colors

XYZ(71.9740, 76.0651, 80.9837)

Have a look what the booklet for
XYZ(71.9740, 76.0651, 80.9837)
contains.

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Color

**XYZ(71.8797, 75.8892,
80.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2DF
RGB	226, 226, 223
RGB Percent	89%, 89%, 87%
CMY	0.1137, 0.1137, 0.1255
CMYK	0.00, 0.00, 0.01, 0.11
HSL	60°, 5%, 88%
HSV	60°, 1%, 89%
XYZ	71.8797, 75.8892, 80.6716
YIQ	225.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

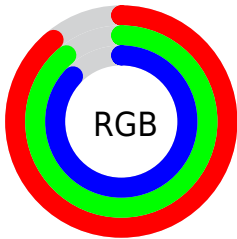
Format	Color
R_{YB}	223, 226, 223
Decimal	14869215
CIE Lab	89.81, -0.53, 1.45
CIE LCh	90, 1.546, 110.004
Yxy	75.8892, 0.3147, 0.3322
Android (android.graphics.Color)	4293059295 (0xFFE2E2DF)
YUV	225.6580, -1.3104, 0.2999
Hunter-Lab	87.1144, -5.1666, 6.0751

Details

The XYZ color **71.8797, 75.8892, 80.6716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5494, 73.9563, 82.5121**, and the grayscale version is **72.0523, 75.8047, 82.5513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4254, 40.6109, 42.8592** is the 20% darker color. If you saturate the color by 10%, you get **69.0254, 74.7488, 65.6795**, and if you desaturate by 10%, it is **75.1451, 77.1988, 97.8092**.

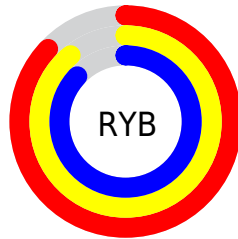
Distribution



Red (89%)

Green (89%)

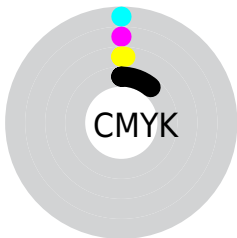
Blue (87%)



Red (87%)

Yellow (89%)

Blue (87%)

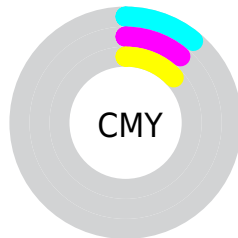


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8797, 75.8892, 80.6716 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 71.8797, 75.8892, 80.6716 by changing the saturation by 10% instead.

■ 71.8797, 75.8892,
80.6716

■ 71.8797, 75.8892,
80.6716

456.2869,
480.9683, 516.9596

■ 53.3455, 56.3417,
59.7418

120.8972,
127.5703, 136.1295

■ 38.3073, 40.4769,
42.7866

152.1112,
160.4726, 171.4946

■ 26.3995, 27.9106,
29.3875

188.2826,
198.5953, 212.5085

■ 17.2570, 18.2583,
19.1261

229.7767,
242.3228, 259.5898

■ 10.5144, 11.1356,
11.5837

276.9588,
292.0394, 313.1571

■ 5.8062, 6.1581,
6.3418

330.1943,

■ 2.7671, 2.9415,

348.1296, 373.6287

2.9819

389.8485,
410.9778, 441.4234

■ 1.0318, 1.1012,
1.0854

■ 0.0000, 0.0000,
0.0000

■ 71.8797, 75.8892,
80.6716

■ 71.8797, 75.8892,
80.6716

■ 69.0254, 74.7488,
65.6795

■ 75.1451, 77.1988,
97.8092

■ 66.5598, 73.7615,
52.7438

■ 76.6308, 77.7942,
105.5846

■ 64.4679, 72.9237,
41.7763

■ 76.6400, 77.7989,
105.5851

■ 62.7315, 72.2281,
32.6806

■ 76.6493, 77.8037,
105.5855

61.3306, 71.6667,
25.3521

76.6585, 77.8085,
105.5859

60.2436, 71.2308,
19.6761

76.6677, 77.8132,
105.5864

59.4461, 70.9107,
15.5244

76.6770, 77.8180,
105.5868

58.9100, 70.6952,
12.7497

76.6862, 77.8228,
105.5872

58.6021, 70.5710,
11.1760

76.6955, 77.8275,
105.5877

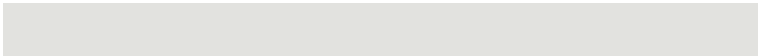
Harmonies

Analogous

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



72.2578, 75.8892, 80.5783



71.8797, 75.8892, 80.6716



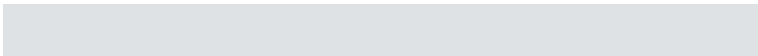
71.5698, 75.8892, 81.2872

Triad

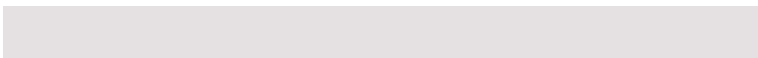
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8797, 75.8892, 80.6716



71.6599, 75.8892, 84.2507



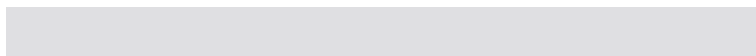
72.8554, 75.8892, 82.9957

Complementary

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



71.8797, 75.8892, 80.6716



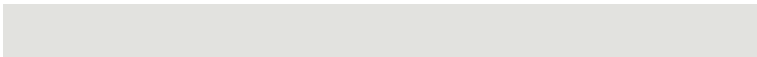
70.5494, 73.9563, 82.5121

Split Complementary

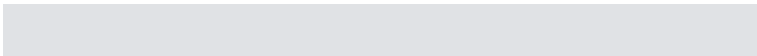
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6940, 75.8892, 83.9884



71.8797, 75.8892, 80.6716



72.0031, 75.8892, 84.7172

Square

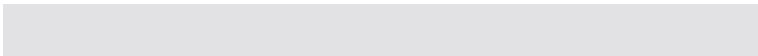
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8797, 75.8892, 80.6716



71.4432, 75.8892, 83.3514



72.3817, 75.8892, 84.6207



72.8221, 75.8892, 81.9137

Rectangle

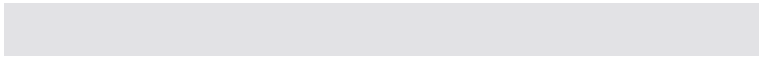
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8797, 75.8892, 80.6716



71.4431, 75.8892, 81.9140



72.3817, 75.8892, 84.6207



72.8221, 75.8892, 83.3511

Sweetspot

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



71.8818, 75.8925, 80.6733

95.0500, 100.0000, 108.9000



71.0733, 74.2736, 80.4034



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

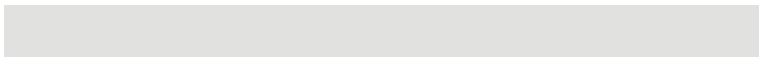
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8818, 75.8925, 80.6733



94.2372, 99.6746, 104.6326



71.4141, 75.6513, 80.6514



15.3355, 16.2150, 17.0608



33.3570, 40.2287, 6.0068



2.3127, 2.7887, 0.4164

Inverse Universe

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



70.5494, 73.9563, 82.5121



91.5954, 95.8358, 108.2783



71.0131, 74.1953, 82.5338



14.9323, 15.6290, 17.6174



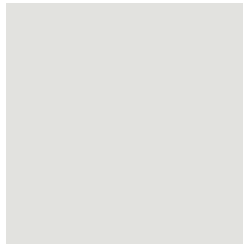
7.8344, 3.1341, 41.2404



0.5436, 0.2175, 2.8586

Previews

White Background



This preview shows how the XYZ color 71.8797, 75.8892, 80.6716 looks on a white background.

Color Contrast Check

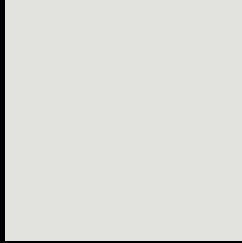
Large Text (above 18pt) WCAG AA × Fail

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 71.8797, 75.8892, 80.6716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

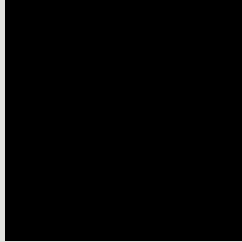
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

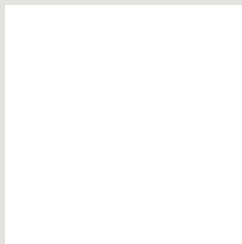
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8797, 75.8892, 80.6716

Background



This preview shows how black text looks on a background with the XYZ color 71.8797, 75.8892, 80.6716.

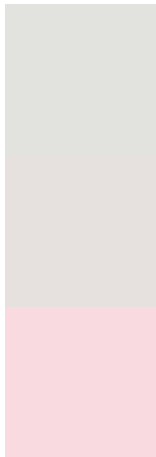


This preview shows how white text looks on a background with the XYZ color 71.8797, 75.8892,

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

71.8797, 75.8892, 80.6716

Protanopia

72.7432, 75.9473, 79.9326

Deuteranopia

77.2373, 75.4811, 81.0195



Tritanopia

74.5780, 75.7842, 93.9162

Trichromacy



Original Color

71.8797, 75.8892, 80.6716

Protanomaly

72.4231, 75.7824, 79.9176

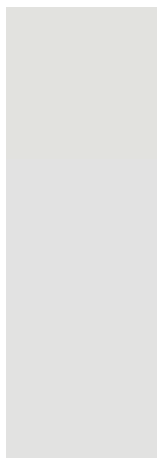
Deuteranomaly

75.2462, 75.6200, 81.1512

Tritanomaly

73.5018, 75.7458, 88.5883

Monochromacy



Original Color

71.8797, 75.8892, 80.6716

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1510, 75.9977, 82.1004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8797, 75.8892, 80.6716 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(226, 226, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 223)  
}
```

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(226, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.8797, 75.8892, 80.6716 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(226, 226, 223) }
```

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

```
.border{ border-color:rgb(226, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 71.8797, 75.8892, 80.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 223) }
```

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

```
.background{ background-color: rgb(226,  
226, 223) }
```

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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