

Converting Colors

XYZ(71.2155, 74.9790, 81.1883)

Have a look what the booklet for
XYZ(71.2155, 74.9790, 81.1883)
contains.

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Color

**XYZ(71.4311, 75.2398,
81.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1E0
RGB	225, 225, 224
RGB Percent	88%, 88%, 88%
CMY	0.1176, 0.1176, 0.1216
CMYK	0.00, 0.00, 0.00, 0.12
HSL	60°, 2%, 88%
HSV	60°, 0%, 88%
XYZ	71.4311, 75.2398, 81.2789
YIQ	224.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R _Y B	224, 225, 224
Decimal	14803424
CIE Lab	89.51, -0.17, 0.48
CIE LCh	90, 0.509, 109.997
Yxy	75.2398, 0.3134, 0.3301
Android (android.graphics.Color)	4292993504 (0xFFE1E1E0)
YUV	224.8860, -0.4368, 0.1000
Hunter-Lab	86.7409, -4.8018, 5.1620

Details

The XYZ color **71.4311, 75.2398, 81.2789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9896, 74.5968, 81.8951**, and the grayscale version is **71.4909, 75.2140, 81.9080**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1137, 40.1601, 43.2790** is the 20% darker color. If you saturate the color by 10%, you get **68.5528, 74.0877, 66.2551**, and if you desaturate by 10%, it is **74.7175, 76.5599, 98.4329**.

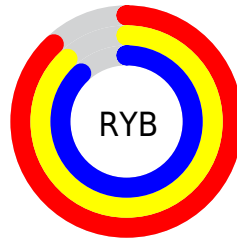
Distribution



Red (88%)

Green (88%)

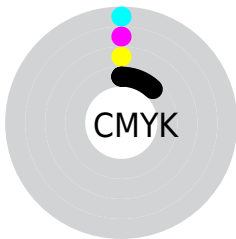
Blue (88%)



Red (88%)

Yellow (88%)

Blue (88%)

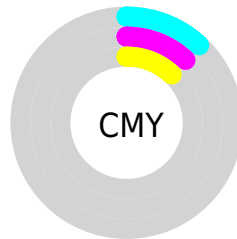


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4311, 75.2398, 81.2789 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 71.4311, 75.2398, 81.2789 by changing the saturation by 10% instead.

■ 71.4311, 75.2398,
81.2789

■ 71.4311, 75.2398,
81.2789

454.7475,
478.7414, 519.0524

■ 52.9779, 55.8094,
60.2390

120.2625,
126.6518, 136.9899

■ 38.0125, 40.0501,
43.1847

151.3715,
159.4021, 172.4981

■ 26.1697, 27.5776,
29.6976

187.4297,
197.3611, 213.6661

■ 17.0840, 18.0075,
19.3591

228.8026,
240.9133, 260.9124

■ 10.3900, 10.9554,
11.7506

275.8554,
290.4430, 314.6557

■ 5.7226, 6.0368,
6.4536

328.9536,

■ 2.7162, 2.8675,

346.3347, 375.3144

3.0496

388.4625,
408.9727, 443.3072

■ 1.0055, 1.0629,
1.1200

■ 0.0000, 0.0000,
0.0000

■ 71.4311, 75.2398,
81.2789

■ 71.4311, 75.2398,
81.2789

■ 68.5528, 74.0877,
66.2551

■ 74.7175, 76.5599,
98.4329

■ 66.0606, 73.0877,
53.2736

■ 76.0831, 77.1093,
105.4813

■ 63.9397, 72.2362,
42.2479

■ 76.1105, 77.1234,
105.4826

■ 62.1723, 71.5261,
33.0831

■ 76.1379, 77.1375,
105.4839

60.7388, 70.9495,
25.6767

76.1653, 77.1517,
105.4852

59.6179, 70.4980,
19.9161

76.1927, 77.1658,
105.4864

58.7857, 70.1620,
15.6758

76.2201, 77.1799,
105.4877

58.2149, 69.9305,
12.8123

76.2475, 77.1940,
105.4890

57.8731, 69.7907,
11.1546

76.2749, 77.2082,
105.4903

Harmonies

Analogous

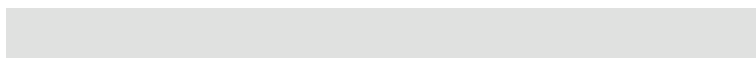
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5549, 75.2398, 81.2481



71.4311, 75.2398, 81.2789



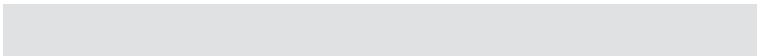
71.3294, 75.2398, 81.4821

Triad

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



71.4311, 75.2398, 81.2789



71.3589, 75.2398, 82.4512



71.7499, 75.2398, 82.0428

Complementary

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



71.4311, 75.2398, 81.2789



70.9896, 74.5968, 81.8951

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.



71.6972, 75.2398, 82.3662



71.4311, 75.2398, 81.2789



71.4715, 75.2398, 82.6024

Square

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



71.4311, 75.2398, 81.2789



71.2878, 75.2398, 82.1587



71.5953, 75.2398, 82.5712



71.7390, 75.2398, 81.6884

Rectangle

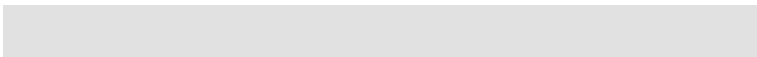
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4311, 75.2398, 81.2789



71.2878, 75.2398, 81.6884



71.5953, 75.2398, 82.5712



71.7390, 75.2398, 82.1588

Sweetspot

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



71.4332, 75.2430, 81.2805

95.0500, 100.0000, 108.9000



71.1638, 74.7025, 81.1904



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.



71.4332, 75.2430, 81.2805



94.6385, 99.8350, 106.7519



71.2782, 75.1631, 81.2733



15.3968, 16.2395, 17.3845



33.2542, 40.1757, 6.0020



2.3067, 2.7857, 0.4161

Inverse Universe

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



70.9896, 74.5968, 81.8951



93.3136, 97.9052, 108.5872



71.1442, 74.6765, 81.9023



15.1947, 15.9451, 17.6645



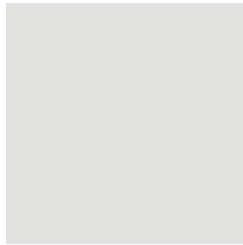
7.8401, 3.1370, 41.2406



0.5452, 0.2184, 2.8587

Previews

White Background



This preview shows how the XYZ color 71.4311, 75.2398, 81.2789 looks on a white background.

Color Contrast Check

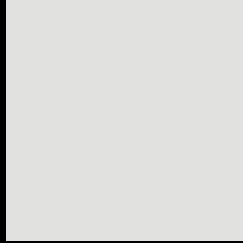
Large Text (above 18pt) WCAG AA × Fail

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 71.4311, 75.2398, 81.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

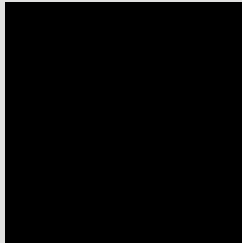
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

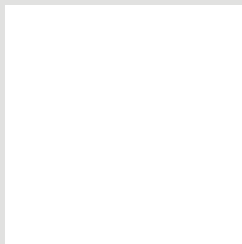
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4311, 75.2398, 81.2789

Background



This preview shows how black text looks on a background with the XYZ color 71.4311, 75.2398, 81.2789.

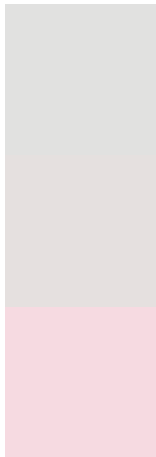


This preview shows how white text looks on a background with the XYZ color 71.4311, 75.2398,

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

71.4311, 75.2398, 81.2789

Protanopia

72.2880, 75.2970, 80.5358

Deuteranopia

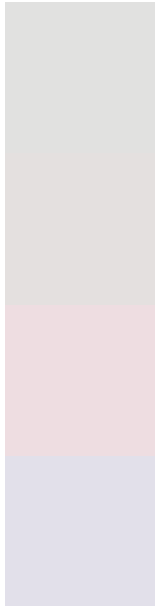
76.6680, 75.1719, 81.7029



Tritanopia

73.7944, 75.3975, 93.1019

Trichromacy



Original Color

71.4311, 75.2398, 81.2789

Protanomaly

71.9698, 75.1330, 80.5209

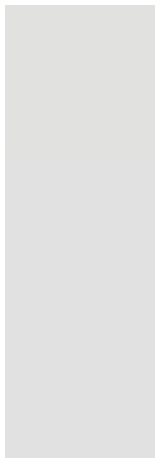
Deuteranomaly

74.7070, 75.3263, 81.8361

Tritanomaly

72.8710, 75.4206, 88.5588

Monochromacy



Original Color

71.4311, 75.2398, 81.2789

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5672, 75.2942, 81.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4311, 75.2398, 81.2789 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(225, 225, 224) looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 224)  
}
```

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(225, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.4311, 75.2398, 81.2789 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(225, 225, 224) }
```

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

```
.border{ border-color:rgb(225, 225, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
224) }
```


Background

The CSS property to change the background color of an element to XYZ 71.4311, 75.2398, 81.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 224) }
```

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

```
.background{ background-color: rgb(225,  
225, 224) }
```

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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