

Converting Colors

XYZ(65.3987, 71.4384, 71.1196)

Have a look what the booklet for
XYZ(65.3987, 71.4384, 71.1196)
contains.

XYZ(65.4611, 71.5746, 71.3379)	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(65.4611, 71.5746,
71.3379)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DFD2
RGB	213, 223, 210
RGB Percent	84%, 87%, 82%
CMY	0.1647, 0.1255, 0.1765
CMYK	0.04, 0.00, 0.06, 0.13
HSL	106°, 17%, 85%
HSV	106°, 6%, 87%
XYZ	65.4611, 71.5746, 71.3379
YIQ	218.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

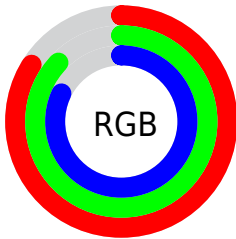
Format	Color
RYP	210, 223, 220
Decimal	14016466
CIE Lab	87.76, -5.70, 5.20
CIE LCh	88, 7.713, 137.655
Yxy	71.5746, 0.3142, 0.3435
Android (android.graphics.Color)	4292206546 (0xFFD5DFD2)
YUV	218.5280, -4.2043, -4.8481
Hunter-Lab	84.6018, -9.9377, 9.2267

Details

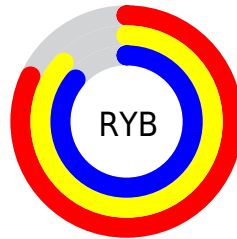
The XYZ color **65.4611, 71.5746, 71.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8838, 66.6385, 79.2058**, and the grayscale version is **67.0358, 70.5269, 76.8038**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1039, 37.6747, 36.9270** is the 20% darker color. If you saturate the color by 10%, you get **58.1587, 68.1111, 57.4897**, and if you desaturate by 10%, it is **73.6812, 75.4706, 87.2530**.

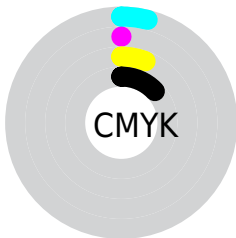
Distribution



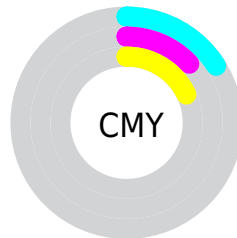
- Red (84%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4611, 71.5746, 71.3379 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 65.4611, 71.5746, 71.3379 by changing the saturation by 10% instead.

■ 65.4611, 71.5746,
71.3379

■ 65.4611, 71.5746,
71.3379

433.9662,
466.0596, 484.1492

■ 48.1012, 52.8112,
52.1345

111.7745,
121.4515, 122.8137

■ 34.1186, 37.6521,
36.7293

141.4587,
153.3339, 155.9231

■ 23.1480, 25.7128,
24.7038

175.9818,
190.3581, 194.5049

■ 14.8241, 16.6089,
15.6395

215.7089,
232.9084, 238.9777

■ 8.7816, 9.9560,
9.1178

261.0056,
281.3693, 289.7600

■ 4.6550, 5.3698,
4.7203

312.2371,

■ 2.0789, 2.4658,

336.1253, 347.2703

2.0282

369.7689,
397.5605, 411.9272

■ 0.6777, 0.8595,
0.5726

■ 0.0000, 0.0000,
0.0000

■ 65.4611, 71.5746,
71.3379

■ 65.4611, 71.5746,
71.3379

■ 58.1587, 68.1111,
57.4897

■ 73.6812, 75.4706,
87.2530

■ 51.7357, 65.0560,
45.6191

■ 82.8436, 79.8038,
105.3101

■ 46.1601, 62.3969,
35.6373

■ 85.6791, 81.2581,
105.7764

■ 41.3955, 60.1169,
27.4468

■ 37.4026, 58.1984,
20.9413

■ 34.1389, 56.6218,
16.0035

■ 31.5574, 55.3659,
12.5009

■ 29.6052, 54.4066,
10.2792

■ 28.2198, 53.7160,
9.1479

Harmonies

Analogous

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



66.9676, 71.5746, 68.7164



65.4611, 71.5746, 71.3379



64.6488, 71.5746, 75.7972

Triad

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



65.4611, 71.5746, 71.3379



67.2798, 71.5746, 88.2003



71.4389, 71.5746, 74.9152

Complementary

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



65.4611, 71.5746, 71.3379



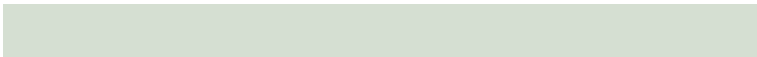
65.8838, 66.6385, 79.2058

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.



71.5261, 71.5746, 80.1076



65.4611, 71.5746, 71.3379



69.1026, 71.5746, 87.9380

Square

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



65.4611, 71.5746, 71.3379



65.6861, 71.5746, 85.6228



70.6642, 71.5746, 84.9216



70.4280, 71.5746, 70.7172

Rectangle

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



65.4611, 71.5746, 71.3379



64.6004, 71.5746, 79.2831



70.6642, 71.5746, 84.9216



71.5778, 71.5746, 76.5975

Sweetspot

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



65.4631, 71.5777, 71.3395



92.8109, 98.9393, 104.5658



67.6517, 71.5132, 71.2117



19.8888, 21.1882, 22.4268



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.



65.4631, 71.5777, 71.3395



87.4351, 96.3911, 94.2327



65.0378, 71.3080, 73.5995



14.1361, 15.6374, 15.1643



16.4137, 31.4941, 5.2139



1.2158, 2.2233, 0.3651

Inverse Universe

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



65.8838, 66.6385, 79.2058



88.1189, 88.3626, 107.0191



66.3371, 66.9256, 76.8111



14.2549, 14.2427, 17.3855



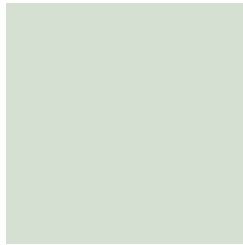
17.8814, 8.3135, 41.7106



1.3156, 0.6155, 2.8947

Previews

White Background



This preview shows how the XYZ color 65.4611, 71.5746, 71.3379 looks on a white background.

Color Contrast Check

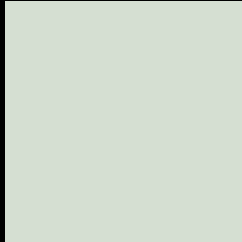
Large Text (above 18pt) WCAG AA × Fail

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 65.4611, 71.5746, 71.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

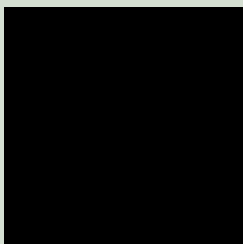
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

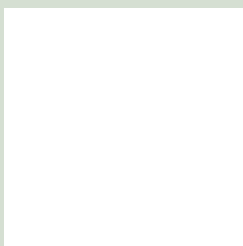
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4611, 71.5746, 71.3379

Background



This preview shows how black text looks on a background with the XYZ color 65.4611, 71.5746, 71.3379.



This preview shows how white text looks on a background with the XYZ color 65.4611, 71.5746,

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

65.4611, 71.5746, 71.3379

Protanopia

68.3952, 71.5480, 69.8798

Deuteranopia

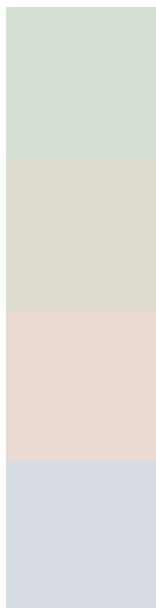
72.9861, 71.5751, 72.2559



Tritanopia

69.0871, 71.4709, 89.5109

Trichromacy



Original Color

65.4611, 71.5746, 71.3379

Protanomaly

67.2260, 71.3194, 70.5444

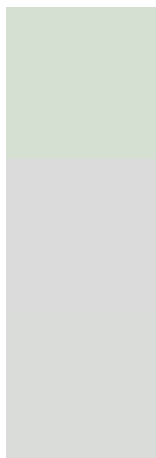
Deuteranomaly

70.1750, 71.6525, 71.7597

Tritanomaly

67.7772, 71.3314, 82.8691

Monochromacy



Original Color

65.4611, 71.5746, 71.3379

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6031, 70.8960, 75.1397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4611, 71.5746, 71.3379 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(213, 223, 210) looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 210)  
}
```

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(213, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 210) }
```

Border

The CSS property to change the border of an element to XYZ 65.4611, 71.5746, 71.3379 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(213, 223, 210) }
```


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

```
.border{ border-color:rgb(213, 223, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4611, 71.5746, 71.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 210) }
```

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

```
.background{ background-color: rgb(213,  
223, 210) }
```

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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