

Converting Colors

XYZ(67.5560, 74.6372, 54.8865)

Have a look what the booklet for
XYZ(67.5560, 74.6372, 54.8865)
contains.

XYZ(67.5911, 74.6465, 55.1017)	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(67.5911, 74.6465,
55.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E3B6
RGB	227, 227, 182
RGB Percent	89%, 89%, 71%
CMY	0.1098, 0.1098, 0.2863
CMYK	0.00, 0.00, 0.20, 0.11
HSL	60°, 45%, 80%
HSV	60°, 20%, 89%
XYZ	67.5911, 74.6465, 55.1017
YIQ	221.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

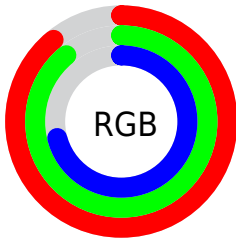
Format	Color
R_{YB}	182, 227, 182
Decimal	14934966
CIE _{Lab}	89.23, -7.27, 22.05
CIE _{LCh}	89, 23.215, 108.255
Yxy	74.6465, 0.3425, 0.3783
Android (android.graphics.Color)	4293125046 (0xFFE3E3B6)
YUV	221.8700, -19.6559, 4.4990
Hunter-Lab	86.3982, -11.5526, 22.6657

Details

The XYZ color **67.5911, 74.6465, 55.1017** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8874, 48.9490, 79.4961**, and the grayscale version is **69.4683, 73.0860, 79.5907**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **35.5096, 39.7480, 26.5694** is the 20% darker color. If you saturate the color by 10%, you get **65.4327, 73.7856, 43.7315**, and if you desaturate by 10%, it is **70.1338, 75.6662, 68.4781**.

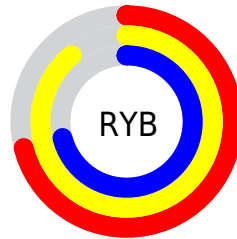
Distribution



Red (89%)

Green (89%)

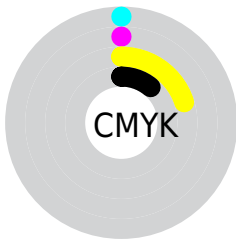
Blue (71%)



Red (71%)

Yellow (89%)

Blue (71%)

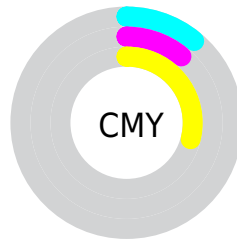


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5911, 74.6465, 55.1017 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 67.5911, 74.6465, 55.1017 by changing the saturation by 10% instead.

67.5911, 74.6465,
55.1017

67.5911, 74.6465,
55.1017

441.4454,
476.7017, 423.5901

49.8376, 55.3233,
39.0840

114.8121,
125.8118, 99.1626

35.5017, 39.6607,
26.5167

145.0104,
158.4228, 128.0429

24.2179, 27.2741,
16.9814

180.0876,
196.2318, 162.0477

15.6209, 17.7792,
10.0594

220.4091,
239.6233, 201.5958

9.3455, 10.7916,
5.3322

266.3402,
288.9816, 247.1055

5.0261, 5.9268,
2.3814

318.2465,

2.2975, 2.8006,

344.6912, 298.9954

0.7763

376.4930,
407.1364, 357.6841

■ 0.7934, 1.0286,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5911, 74.6465,
55.1017

■ 67.5911, 74.6465,
55.1017

■ 65.4327, 73.7856,
43.7315

■ 70.1338, 75.6662,
68.4781

■ 63.6344, 73.0661,
34.2663

■ 73.0719, 76.8416,
83.9456

■ 62.1783, 72.4836,
26.6034

■ 76.4236, 78.1823,
101.5904

■ 61.0428, 72.0293,
20.6285

■ 77.2029, 78.4941,
105.6896

60.2037, 71.6936,
16.2142

77.2037, 78.4946,
105.6896

59.6333, 71.4653,
13.2151

77.2046, 78.4950,
105.6897

59.2989, 71.3314,
11.4587

77.2055, 78.4955,
105.6897

59.1446, 71.2696,
10.6506

77.2064, 78.4959,
105.6898

59.1424, 71.2687,
10.6391

77.2072, 78.4964,
105.6898

Harmonies

Analogous

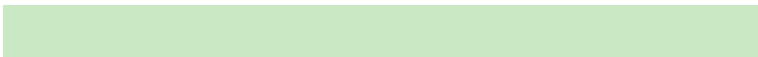
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1901, 74.6465, 54.3971



67.5911, 74.6465, 55.1017



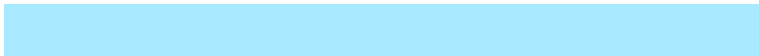
63.1273, 74.6465, 62.2229

Triad

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



67.5911, 74.6465, 55.1017



63.9399, 74.6465, 106.8498



82.1590, 74.6465, 87.7955

Complementary

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



67.5911, 74.6465, 55.1017



49.8874, 48.9490, 79.4961

Split Complementary

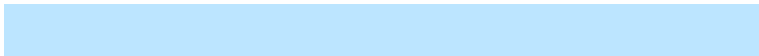
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3921, 74.6465, 103.8716



67.5911, 74.6465, 55.1017



68.7546, 74.6465, 115.8116

Square

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



67.5911, 74.6465, 55.1017



61.0979, 74.6465, 91.4477



74.4168, 74.6465, 114.6544



81.8064, 74.6465, 71.8905

Rectangle

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



67.5911, 74.6465, 55.1017



61.3036, 74.6465, 70.2574



74.4168, 74.6465, 114.6544



81.5571, 74.6465, 93.3933

Sweetspot

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



67.5931, 74.6498, 55.1033



92.6829, 99.0531, 96.4389



56.8524, 53.1660, 51.5226



19.7853, 21.1804, 20.3647



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.



67.5931, 74.6498, 55.1033



86.7124, 96.6646, 65.0092



60.9546, 71.2275, 54.7926



15.6015, 16.8171, 15.3282



34.4901, 41.5618, 6.2044



2.5488, 3.0713, 0.4585

Inverse Universe

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



49.8874, 48.9490, 79.4961



59.4960, 57.1585, 102.5047



55.6344, 51.9117, 79.7650



13.5831, 13.8873, 18.1089



8.0865, 3.2346, 42.5813



0.5976, 0.2391, 3.1466

Previews

White Background



This preview shows how the XYZ color 67.5911, 74.6465, 55.1017 looks on a white background.

Color Contrast Check

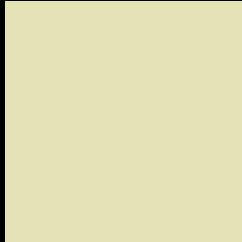
Large Text (above 18pt) WCAG AA × Fail

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 67.5911, 74.6465, 55.1017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

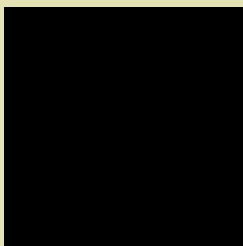
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

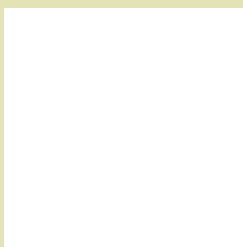
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5911, 74.6465, 55.1017

Background



This preview shows how black text looks on a background with the XYZ color 67.5911, 74.6465, 55.1017.



This preview shows how white text looks on a background with the XYZ color 67.5911, 74.6465,

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

67.5911, 74.6465, 55.1017

Protanopia

70.1538, 74.7837, 53.9172

Deuteranopia

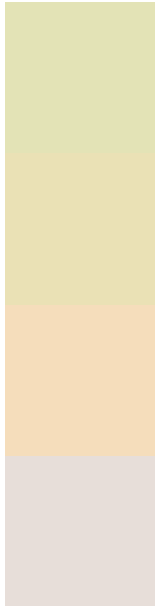
75.3471, 74.6034, 59.1439



Tritanopia

74.5493, 74.2699, 90.5271

Trichromacy



Original Color

67.5911, 74.6465, 55.1017

Protanomaly

69.1974, 74.6790, 54.4835

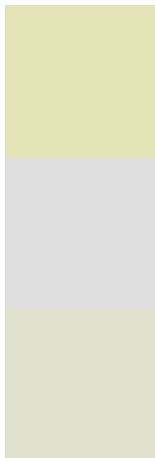
Deuteranomaly

72.4823, 74.7132, 57.6146

Tritanomaly

71.6007, 74.2412, 76.2019

Monochromacy



Original Color

67.5911, 74.6465, 55.1017

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.6586, 73.6636, 69.6313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5911, 74.6465, 55.1017 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(227, 227, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 182)  
}
```

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(227, 227, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 182) }
```

Border

The CSS property to change the border of an element to XYZ 67.5911, 74.6465, 55.1017 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(227, 227, 182) }
```


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

```
.border{ border-color:rgb(227, 227, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 227, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5911, 74.6465, 55.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 182) }
```

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

```
.background{ background-color: rgb(227,  
227, 182) }
```

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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