

Converting Colors

XYZ(57.9770, 64.4089, 55.2104)

Have a look what the booklet for
XYZ(57.9770, 64.4089, 55.2104)
contains.

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Color

**XYZ(57.9804, 64.5751,
55.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD6B9
RGB	205, 214, 185
RGB Percent	80%, 84%, 73%
CMY	0.1961, 0.1608, 0.2745
CMYK	0.04, 0.00, 0.14, 0.16
HSL	79°, 26%, 78%
HSV	79°, 14%, 84%
XYZ	57.9804, 64.5751, 55.3073
YIQ	208.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

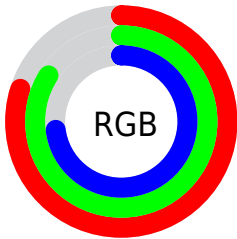
Format	Color
R_{YB}	185, 214, 194
Decimal	13489849
CIE _{Lab}	84.26, -8.12, 13.29
CIE _{LCh}	84, 15.578, 121.430
Yxy	64.5751, 0.3260, 0.3631
Android (android.graphics.Color)	4291679929 (0xFFCDD6B9)
YUV	208.0030, -11.3405, -2.6336
Hunter-Lab	80.3586, -11.8362, 15.4444

Details

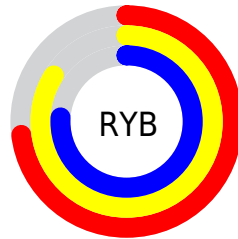
The XYZ color **57.9804, 64.5751, 55.3073** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7373, 51.0241, 70.7436**, and the grayscale version is **60.0271, 63.1532, 68.7738**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **29.3255, 33.0415, 26.6618** is the 20% darker color. If you saturate the color by 10%, you get **54.0957, 62.8161, 44.2070**, and if you desaturate by 10%, it is **62.2865, 66.5159, 68.2051**.

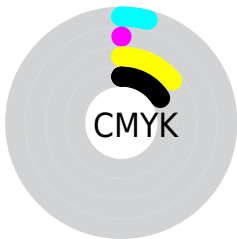
Distribution



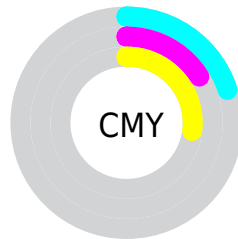
- Red (80%)
- Green (84%)
- Blue (73%)



- Red (73%)
- Yellow (84%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)





- Cyan (20%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9804, 64.5751, 55.3073 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 57.9804, 64.5751, 55.3073 by changing the saturation by 10% instead.


 57.9804, 64.5751,
55.3073

 57.9804, 64.5751,
55.3073


407.0679,
441.2635, 424.3905

 42.0361, 47.1166,
39.2475


 101.0174,
111.4388, 99.4667

 29.3208, 33.1279,
26.6430

128.8409,
141.6127, 128.4035

 19.4691, 22.2244,
17.0753

161.3548,
176.7940, 162.4696

 12.1158, 14.0219,
10.1256

198.9244,
217.3670, 202.0837

 6.8953, 8.1359,
5.3756

241.9152,
263.7160, 247.6643

 3.4425, 4.1820,
2.4067

290.6925,

 1.3918, 1.7759,

316.2255, 299.6300

0.7901

345.6216,
375.2799, 358.3992

■ 0.2504, 0.4721,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9804, 64.5751,
55.3073

■ 57.9804, 64.5751,
55.3073

■ 54.0957, 62.8161,
44.2070

■ 62.2865, 66.5159,
68.2051

■ 50.6111, 61.2239,
34.8202

■ 67.0240, 68.6362,
82.9709

■ 47.5112, 59.7943,
27.0623

■ 72.2088, 70.9447,
99.6768

■ 44.7771, 58.5197,
20.8402

■ 75.2393, 72.4008,
104.6170

■ 42.3884, 57.3918,
16.0512

■ 77.4318, 73.5311,
104.7196

■ 40.3222, 56.4013,
12.5799

■ 79.7067, 74.7038,
104.8260

■ 38.5521, 55.5376,
10.2935

■ 82.0648, 75.9195,
104.9364

■ 37.0466, 54.7879,
9.0309

■ 83.3379, 76.5758,
104.9960

■ 36.1824, 54.3513,
8.5838

Harmonies

Analogous

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



61.2112, 64.5751, 52.9696



57.9804, 64.5751, 55.3073



55.7304, 64.5751, 61.6072

Triad

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



57.9804, 64.5751, 55.3073



58.2570, 64.5751, 88.3608



68.2537, 64.5751, 69.8380

Complementary

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



57.9804, 64.5751, 55.3073



51.7373, 51.0241, 70.7436

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.



67.3921, 64.5751, 79.7990



57.9804, 64.5751, 55.3073



61.5425, 64.5751, 91.0767

Square

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



57.9804, 64.5751, 55.3073



55.8858, 64.5751, 80.6962



64.9031, 64.5751, 87.8096



67.2159, 64.5751, 60.8579

Rectangle

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



57.9804, 64.5751, 55.3073



55.0449, 64.5751, 67.5166



64.9031, 64.5751, 87.8096



68.1764, 64.5751, 73.1821

Sweetspot

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



57.9821, 64.5779, 55.3087



92.2955, 98.7647, 100.4252



55.7159, 56.2512, 53.8209



19.6467, 21.0910, 21.1649



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.



57.9821, 64.5779, 55.3087



84.6557, 95.3216, 77.6894



54.2412, 62.6494, 55.1336



13.0803, 14.3176, 13.2349



21.9799, 32.9074, 5.1933



1.4089, 2.0277, 0.3171

Inverse Universe

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



51.7373, 51.0241, 70.7436



73.7837, 71.7236, 104.5630



55.5576, 52.9935, 70.9224



12.1017, 12.1938, 15.6533



8.8067, 3.6926, 38.7017



0.6153, 0.2661, 2.3382

Previews

White Background



This preview shows how the XYZ color 57.9804, 64.5751, 55.3073 looks on a white background.

Color Contrast Check

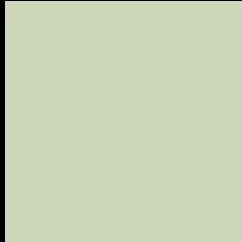
Large Text (above 18pt) WCAG AA × Fail

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 57.9804, 64.5751, 55.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

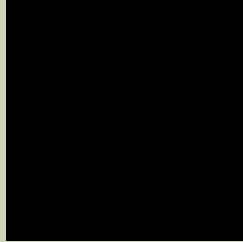
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

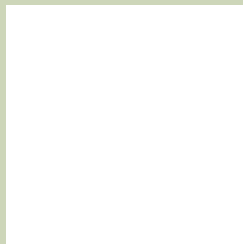
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9804, 64.5751, 55.3073

Background



This preview shows how black text looks on a background with the XYZ color 57.9804, 64.5751, 55.3073.

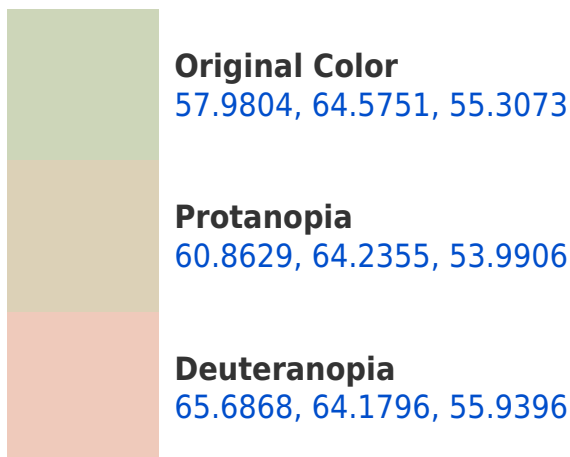


This preview shows how white text looks on a background with the XYZ color 57.9804, 64.5751,

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

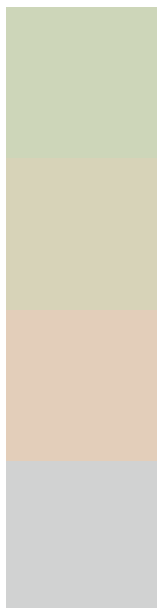




Tritanopia

63.0105, 64.3969, 80.3430

Trichromacy



Original Color

57.9804, 64.5751, 55.3073

Protanomaly

59.9703, 64.4963, 54.6357

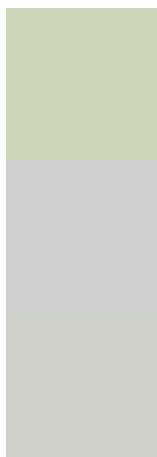
Deuteranomaly

62.6128, 64.0187, 55.5112

Tritanomaly

60.9739, 64.3016, 70.1706

Monochromacy



Original Color

57.9804, 64.5751, 55.3073

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2040, 63.5287, 63.7855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9804, 64.5751, 55.3073 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(205, 214, 185) looks like.

```
.text, #text, p{  
    color:rgb(205, 214, 185)  
}
```

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(205, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 214, 185) }
```

Border

The CSS property to change the border of an element to XYZ 57.9804, 64.5751, 55.3073 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(205, 214, 185) }
```


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

```
.border{ border-color:rgb(205, 214, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(205, 214,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9804, 64.5751, 55.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 214, 185) }
```

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

```
.background{ background-color: rgb(205,  
214, 185) }
```

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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