

Converting Colors

XYZ(56.9816, 61.2833, 60.5008)

Have a look what the booklet for
XYZ(56.9816, 61.2833, 60.5008)
contains.

XYZ(57.0650, 61.4031, 60.4741)	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(57.0650, 61.4031,
60.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCFC3
RGB	204, 207, 195
RGB Percent	80%, 81%, 76%
CMY	0.2000, 0.1882, 0.2353
CMYK	0.01, 0.00, 0.06, 0.19
HSL	75°, 11%, 79%
HSV	75°, 6%, 81%
XYZ	57.0650, 61.4031, 60.4741
YIQ	204.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

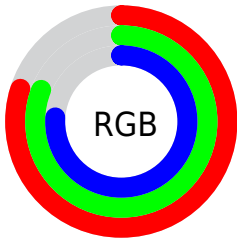
Format	Color
R_{YB}	195, 207, 198
Decimal	13422531
CIE Lab	82.59, -3.17, 5.59
CIE LCh	83, 6.429, 119.558
Yxy	61.4031, 0.3189, 0.3431
Android (android.graphics.Color)	4291612611 (0xFFCCCCFC3)
YUV	204.7350, -4.7994, -0.6446
Hunter-Lab	78.3601, -7.1393, 9.0953

Details

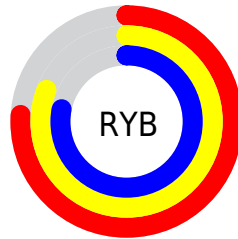
The XYZ color **57.0650, 61.4031, 60.4741** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0686, 55.5426, 66.9057**, and the grayscale version is **57.8900, 60.9048, 66.3253**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **28.7766, 31.1896, 29.7028** is the 20% darker color. If you saturate the color by 10%, you get **53.4892, 59.8135, 48.9244**, and if you desaturate by 10%, it is **61.0159, 63.1522, 73.7377**.

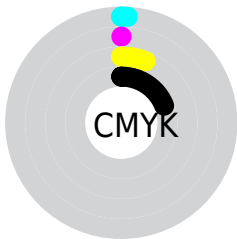
Distribution



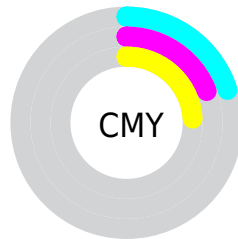
- Red (80%)
- Green (81%)
- Blue (76%)



- Red (76%)
- Yellow (81%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0650, 61.4031, 60.4741 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 57.0650, 61.4031, 60.4741 by changing the saturation by 10% instead.

■ 57.0650, 61.4031,
60.4741

■ 57.0650, 61.4031,
60.4741

403.7031,
429.7505, 444.1962

■ 41.2978, 44.5506,
43.3731

99.6908, 106.8624,
107.0672

■ 28.7405, 31.1036,
29.8444

127.2802,
136.2379, 137.3964

■ 19.0279, 20.6777,
19.4695

159.5409,
170.5566, 172.9720

■ 11.7946, 12.8886,
11.8297

196.8384,
210.2027, 214.2127

■ 6.6752, 7.3519,
6.5067

239.5380,
255.5608, 261.5369

■ 3.3043, 3.6831,
3.0819

288.0051,

■ 1.3167, 1.4979,

307.0152, 315.3631

1.1366

342.6050,
364.9503, 376.1101

■ 0.1956, 0.2873,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0650, 61.4031,
60.4741

■ 57.0650, 61.4031,
60.4741

■ 53.4892, 59.8135,
48.9244

■ 61.0159, 63.1522,
73.7377

■ 50.2698, 58.3698,
39.0147

■ 65.3499, 65.0581,
88.7770

■ 47.3938, 57.0688,
30.6716

■ 69.7404, 66.9921,
103.8628

■ 44.8454, 55.9042,
23.8146

■ 71.3283, 67.8107,
103.9371

■ 42.6075, 54.8691,
18.3559

■ 72.9652, 68.6545,
104.0137

■ 40.6613, 53.9558,
14.1988

■ 74.6514, 69.5238,
104.0926

■ 38.9856, 53.1558,
11.2341

■ 76.3875, 70.4188,
104.1739

■ 37.5556, 52.4592,
9.3346

■ 78.1738, 71.3397,
104.2575

■ 36.3411, 51.8538,
8.3431

■ 80.0107, 72.2866,
104.3434

Harmonies

Analogous

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



58.3823, 61.4031, 59.5557



57.0650, 61.4031, 60.4741



56.1080, 61.4031, 63.0875

Triad

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



57.0650, 61.4031, 60.4741



57.0301, 61.4031, 73.6126



61.0505, 61.4031, 66.9161

Complementary

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



57.0650, 61.4031, 60.4741



54.0686, 55.5426, 66.9057

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.



60.6751, 61.4031, 70.7749



57.0650, 61.4031, 60.4741



58.3414, 61.4031, 74.7330

Square

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



57.0650, 61.4031, 60.4741



56.0881, 61.4031, 70.6696



59.6781, 61.4031, 73.6751



60.6961, 61.4031, 63.1851

Rectangle

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



57.0650, 61.4031, 60.4741



55.7957, 61.4031, 65.4921



59.6781, 61.4031, 73.6751



61.0054, 61.4031, 68.2418

Sweetspot

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



57.0667, 61.4058, 60.4754



93.7717, 99.4346, 104.6108



55.7786, 57.5955, 59.8079



20.0844, 21.2890, 22.4359



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.



57.0667, 61.4058, 60.4754



90.6838, 98.0659, 94.3848



55.4538, 60.5743, 60.4000



12.6572, 13.7112, 13.0907



22.6899, 32.5660, 5.0900



1.3389, 1.8571, 0.2879

Inverse Universe

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



54.0686, 55.5426, 66.9057



84.8641, 86.6847, 106.8668



55.6815, 56.3741, 66.9812



11.7937, 12.0226, 14.9427



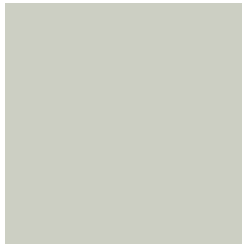
8.0553, 3.3330, 37.4113



0.5245, 0.2246, 2.0953

Previews

White Background



This preview shows how the XYZ color 57.0650, 61.4031, 60.4741 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 57.0650, 61.4031, 60.4741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

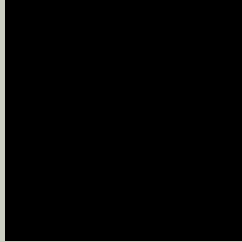
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

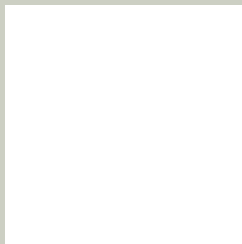
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0650, 61.4031, 60.4741

Background



This preview shows how black text looks on a background with the XYZ color 57.0650, 61.4031, 60.4741.



This preview shows how white text looks on a background with the XYZ color 57.0650, 61.4031,

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

57.0650, 61.4031, 60.4741

Protanopia

58.7203, 61.5547, 59.8253

Deuteranopia

62.8146, 61.5361, 61.3903



Tritanopia

60.1545, 61.2362, 75.6671

Trichromacy



Original Color

57.0650, 61.4031, 60.4741

Protanomaly

58.1034, 61.5930, 59.8652

Deuteranomaly

60.5995, 61.4422, 60.8901

Tritanomaly

58.9579, 61.1043, 69.6597

Monochromacy



Original Color

57.0650, 61.4031, 60.4741

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7908, 61.3388, 64.0520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0650, 61.4031, 60.4741 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(204, 207, 195) looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 195)  
}
```

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(204, 207, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.0650, 61.4031, 60.4741 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(204, 207, 195) }
```


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

```
.border{ border-color:rgb(204, 207, 195) }
```

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

Here you see how a box with a 4 pixel rgb(204, 207, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0650, 61.4031, 60.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 195) }
```

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

```
.background{ background-color: rgb(204,  
207, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor