

Converting Colors

XYZ(57.5596, 61.2113, 61.7163)

Have a look what the booklet for
XYZ(57.5596, 61.2113, 61.7163)
contains.

XYZ(57.6029, 61.2956, 61.6186)	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(57.6029, 61.2956,
61.6186)**

Conversions

Conversions Part 1

Format	Color
Hex	CECEC5
RGB	206, 206, 197
RGB Percent	81%, 81%, 77%
CMY	0.1922, 0.1921, 0.2274
CMYK	0.00, 0.00, 0.04, 0.19
HSL	60°, 8%, 79%
HSV	60°, 4%, 81%
XYZ	57.6029, 61.2956, 61.6186
YIQ	204.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

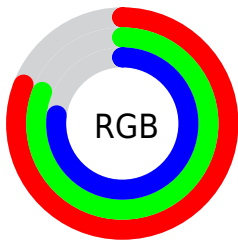
Format	Color
RYB	197, 206, 197
Decimal	13553349
CIELab	82.54, -1.60, 4.46
CIELCh	83, 4.741, 109.748
Yxy	61.2956, 0.3191, 0.3396
Android (android.graphics.Color)	4291743429 (0xFFCECEC5)
YUV	204.9740, -3.9312, 0.8998
Hunter-Lab	78.2915, -5.6789, 8.1404

Details

The XYZ color **57.6029, 61.2956, 61.6186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1352, 56.2608, 66.4019**, and the grayscale version is **58.0361, 61.0585, 66.4927**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.1351, 31.1150, 30.4568** is the 20% darker color. If you saturate the color by 10%, you get **55.4001, 60.4162, 50.0243**, and if you desaturate by 10%, it is **60.1318, 62.3094, 74.9146**.

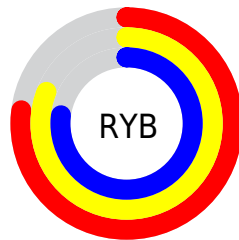
Distribution



Red (81%)

Green (81%)

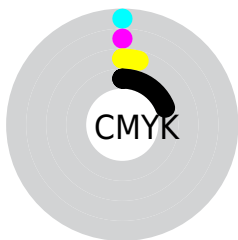
Blue (77%)



Red (77%)

Yellow (81%)

Blue (77%)

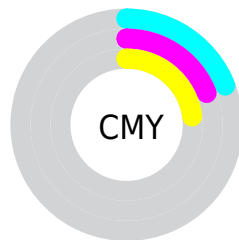


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6029, 61.2956, 61.6186 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 57.6029, 61.2956, 61.6186 by changing the saturation by 10% instead.

■ 57.6029, 61.2956,
61.6186

■ 57.6029, 61.2956,
61.6186

405.6824,
429.3570, 448.5077

■ 41.7315, 44.4638,
44.2908

100.4707,
106.7068, 108.7404

■ 29.0813, 31.0353,
30.5603

128.1977,
136.0550, 139.3714

■ 19.2869, 20.6257,
20.0086

160.6074,
170.3441, 175.2739

■ 11.9830, 12.8507,
12.2172

198.0651,
209.9585, 216.8664

■ 6.8042, 7.3258,
6.7674

240.9360,
255.2826, 264.5675

■ 3.3852, 3.6667,
3.2408

289.5857,

■ 1.3606, 1.4889,

306.7008, 318.7958

1.2189

344.3793,
364.5975, 379.9696

■ 0.2279, 0.2809,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6029, 61.2956,
61.6186

■ 57.6029, 61.2956,
61.6186

■ 55.4001, 60.4162,
50.0243

■ 60.1318, 62.3094,
74.9146

■ 53.5052, 59.6579,
40.0591

■ 62.9938, 63.4545,
89.9729

■ 51.9061, 59.0180,
31.6515

■ 65.5840, 64.4909,
103.5991

■ 50.5878, 58.4904,
24.7226

■ 65.5865, 64.4922,
103.5992

■ 49.5341, 58.0686,
19.1871

■ 65.5890, 64.4935,
103.5993

■ 48.7271, 57.7455,
14.9506

■ 65.5916, 64.4948,
103.5994

■ 48.1466, 57.5130,
11.9074

■ 65.5941, 64.4961,
103.5996

■ 47.7696, 57.3619,
9.9349

■ 65.5966, 64.4974,
103.5997

■ 47.5675, 57.2808,
8.8843

■ 65.5992, 64.4987,
103.5998

Harmonies

Analogous

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



58.6075, 61.2956, 61.3919



57.6029, 61.2956, 61.6186



56.7833, 61.2956, 63.1949

Triad

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



57.6029, 61.2956, 61.6186



57.0081, 61.2956, 71.0964



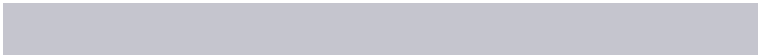
60.2006, 61.2956, 67.7398

Complementary

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



57.6029, 61.2956, 61.6186



54.1352, 56.2608, 66.4019

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.



59.7614, 61.2956, 70.4163



57.6029, 61.2956, 61.6186



57.9131, 61.2956, 72.3911

Square

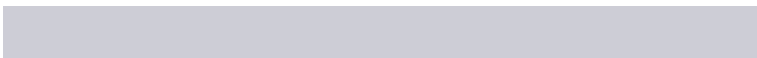
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.6029, 61.2956, 61.6186



56.4426, 61.2956, 68.6463



58.9213, 61.2956, 72.1386



60.1152, 61.2956, 64.8703

Rectangle

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



57.6029, 61.2956, 61.6186



56.4484, 61.2956, 64.8251



58.9213, 61.2956, 72.1386



60.1092, 61.2956, 68.6933

Sweetspot

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



57.6046, 61.2983, 61.6199



94.6417, 99.8366, 106.7520



55.4998, 57.0870, 60.9180



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



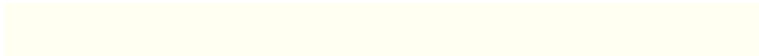
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.6046, 61.2983, 61.6199



93.0625, 99.2048, 98.4449



56.3737, 60.6637, 61.5623



12.3364, 13.1697, 12.9292



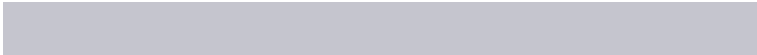
29.2490, 35.2537, 5.2631



1.5091, 1.8188, 0.2715

Inverse Universe

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



54.1352, 56.2608, 66.4019



86.5824, 89.7957, 107.3767



55.3307, 56.8771, 66.4578



11.3817, 11.7836, 14.2450



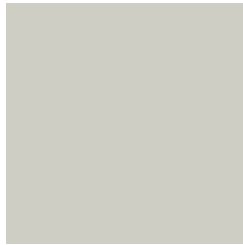
6.8609, 2.7445, 36.1244



0.3541, 0.1417, 1.8636

Previews

White Background



This preview shows how the XYZ color 57.6029, 61.2956, 61.6186 looks on a white background.

Color Contrast Check

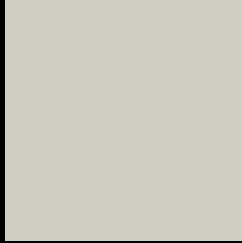
Large Text (above 18pt) WCAG AA × Fail

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 57.6029, 61.2956, 61.6186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

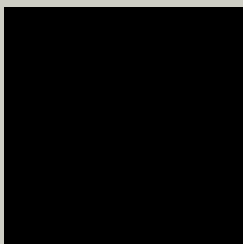
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

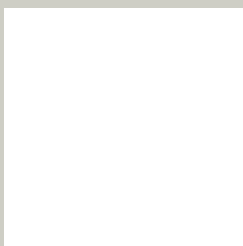
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6029, 61.2956, 61.6186

Background



This preview shows how black text looks on a background with the XYZ color 57.6029, 61.2956, 61.6186.



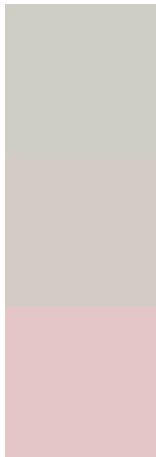
This preview shows how white text looks on a background with the XYZ color 57.6029, 61.2956,

61.6186.

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

57.6029, 61.2956, 61.6186

Protanopia

58.4206, 61.0201, 60.9235

Deuteranopia

62.3820, 60.9594, 61.9045



Tritanopia

60.4366, 61.3817, 75.6803

Trichromacy



Original Color

57.6029, 61.2956, 61.6186

Protanomaly

58.0896, 61.2035, 60.9764

Deuteranomaly

60.5949, 61.0661, 62.0193

Tritanomaly

59.3632, 61.2988, 70.3311

Monochromacy



Original Color

57.6029, 61.2956, 61.6186

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6688, 60.9060, 64.5937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6029, 61.2956, 61.6186 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(206, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 197)  
}
```

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(206, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 197) }
```

Border

The CSS property to change the border of an element to XYZ 57.6029, 61.2956, 61.6186 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(206, 206, 197) }
```


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

```
.border{ border-color:rgb(206, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6029, 61.2956, 61.6186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 197) }
```

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

```
.background{ background-color: rgb(206,  
206, 197) }
```

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