

Converting Colors

XYZ(56.9191, 61.6135, 59.8057)

Have a look what the booklet for
XYZ(56.9191, 61.6135, 59.8057)
contains.

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Color

**XYZ(56.9221, 61.7033,
59.9487)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD0C2
RGB	203, 208, 194
RGB Percent	80%, 82%, 76%
CMY	0.2039, 0.1843, 0.2392
CMYK	0.02, 0.00, 0.07, 0.18
HSL	81°, 13%, 79%
HSV	81°, 7%, 82%
XYZ	56.9221, 61.7033, 59.9487
YIQ	204.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

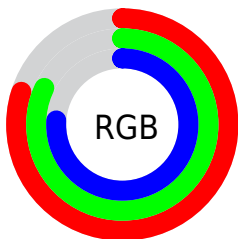
Format	Color
RYB	194, 208, 199
Decimal	13357250
CIELab	82.76, -4.22, 6.35
CIELCh	83, 7.618, 123.592
Yxy	61.7033, 0.3188, 0.3455
Android (android.graphics.Color)	4291547330 (0xFFCBD0C2)
YUV	204.9090, -5.3781, -1.6742
Hunter-Lab	78.5514, -8.1155, 9.7372

Details

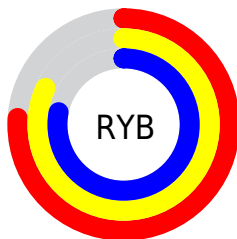
The XYZ color **56.9221, 61.7033, 59.9487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2324, 55.2814, 67.4897**, and the grayscale version is **58.0044, 61.0251, 66.4564**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **28.6837, 31.3942, 29.3588** is the 20% darker color. If you saturate the color by 10%, you get **52.7723, 59.8171, 48.4017**, and if you desaturate by 10%, it is **61.4994, 63.7757, 73.2252**.

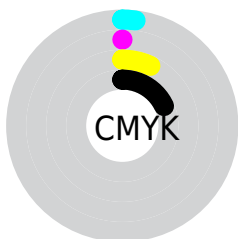
Distribution



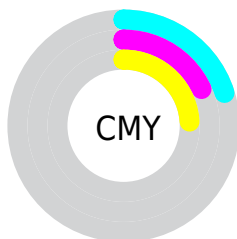
- Red (80%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9221, 61.7033, 59.9487 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 56.9221, 61.7033, 59.9487 by changing the saturation by 10% instead.

■ 56.9221, 61.7033,
59.9487

■ 56.9221, 61.7033,
59.9487

403.1762,
430.8480, 442.2080

■ 41.1826, 44.7930,
42.9523

■ 99.4835, 107.2966,
106.2979

■ 28.6501, 31.2944,
29.5165

127.0362,
136.7484, 136.4877

■ 18.9592, 20.8231,
19.2230

159.2572,
171.1495, 171.9124

■ 11.7447, 12.9948,
11.6531

196.5120,
210.8842, 212.9906

■ 6.6410, 7.4250,
6.3883

239.1660,
256.3371, 260.1406

■ 3.2829, 3.7293,
3.0100

287.5845,

■ 1.3051, 1.5233,

307.8924, 313.7812

1.0997

342.1328,
365.9346, 374.3308

■ 0.1870, 0.3050,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9221, 61.7033,
59.9487

■ 56.9221, 61.7033,
59.9487

■ 52.7723, 59.8171,
48.4017

■ 61.4994, 63.7757,
73.2252

■ 49.0301, 58.1030,
38.5089

■ 66.5131, 66.0320,
88.2942

■ 45.6814, 56.5572,
30.1955

■ 71.7515, 68.3897,
104.0266

■ 42.7090, 55.1727,
23.3795

■ 74.1235, 69.6125,
104.1376

■ 40.0947, 53.9420,
17.9713

■ 76.5977, 70.8880,
104.2534

■ 37.8182, 52.8568,
13.8717

■ 79.1752, 72.2168,
104.3740

■ 35.8566, 51.9078,
10.9689

■ 81.8471, 73.5942,
104.4990

■ 34.1837, 51.0843,
9.1321

■ 32.7655, 50.3725,
8.1911

Harmonies

Analogous

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



58.4501, 61.7033, 58.5798



56.9221, 61.7033, 59.9487



55.8718, 61.7033, 63.2527

Triad

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



56.9221, 61.7033, 59.9487



57.2577, 61.7033, 75.5897



61.8463, 61.7033, 66.6210

Complementary

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



56.9221, 61.7033, 59.9487



54.2324, 55.2814, 67.4897

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.



61.5129, 61.7033, 71.2757



56.9221, 61.7033, 59.9487



58.8446, 61.7033, 76.5929

Square

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



56.9221, 61.7033, 59.9487



56.0630, 61.7033, 72.2986



60.4067, 61.7033, 74.9801



61.3095, 61.7033, 62.3173

Rectangle

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



56.9221, 61.7033, 59.9487



55.5732, 61.7033, 66.1829



60.4067, 61.7033, 74.9801



61.8324, 61.7033, 68.1959

Sweetspot

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



56.9238, 61.7060, 59.9500



93.5724, 99.3319, 104.6015



56.1526, 58.1078, 59.2962



20.0439, 21.2681, 22.4340



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.



56.9238, 61.7060, 59.9500



89.3066, 97.3987, 92.3875



55.0863, 60.7587, 59.8640



12.3766, 13.5776, 12.5805



20.2623, 31.3146, 4.9764



1.2177, 1.7946, 0.2822

Inverse Universe

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



54.2324, 55.2814, 67.4897



84.2239, 85.2655, 106.6266



56.1050, 56.2467, 67.5774



11.5566, 11.6203, 14.8775



8.9676, 3.8033, 37.4539



0.5870, 0.2568, 2.0982

Previews

White Background



This preview shows how the XYZ color 56.9221, 61.7033, 59.9487 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 56.9221, 61.7033, 59.9487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

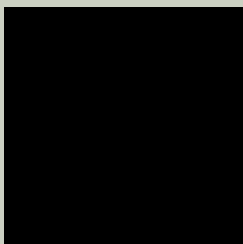
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

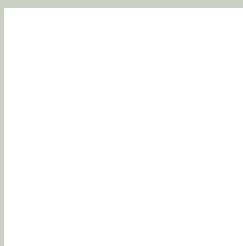
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9221, 61.7033, 59.9487

Background



This preview shows how black text looks on a background with the XYZ color 56.9221, 61.7033, 59.9487.



This preview shows how white text looks on a background with the XYZ color 56.9221, 61.7033,

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

56.9221, 61.7033, 59.9487

Protanopia

58.7863, 61.6145, 58.6636

Deuteranopia

62.7003, 61.4904, 60.7887



Tritanopia

60.2433, 61.6184, 76.4285

Trichromacy



Original Color

56.9221, 61.7033, 59.9487

Protanomaly

57.9914, 61.5482, 59.2756

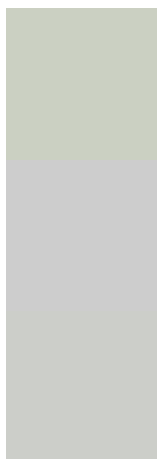
Deuteranomaly

60.4861, 61.3968, 60.2926

Tritanomaly

59.0428, 61.4876, 70.3844

Monochromacy



Original Color

56.9221, 61.7033, 59.9487

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5158, 61.1970, 64.0391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9221, 61.7033, 59.9487 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(203, 208, 194) looks like.

```
.text, #text, p{  
    color:rgb(203, 208, 194)  
}
```

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(203, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 208, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.9221, 61.7033, 59.9487 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(203, 208, 194) }
```


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

```
.border{ border-color:rgb(203, 208, 194) }
```

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

Here you see how a box with a 4 pixel rgb(203, 208, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(203, 208,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9221, 61.7033, 59.9487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 208, 194) }
```

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

```
.background{ background-color: rgb(203,  
208, 194) }
```

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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