

Converting Colors

XYZ(56.8580, 59.3415, 62.0577)

Have a look what the booklet for
XYZ(56.8580, 59.3415, 62.0577)
contains.

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Color

**XYZ(57.0457, 59.5837,
61.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCAC6
RGB	207, 202, 198
RGB Percent	81%, 79%, 78%
CMY	0.1882, 0.2078, 0.2235
CMYK	0.00, 0.02, 0.04, 0.19
HSL	27°, 9%, 79%
HSV	27°, 4%, 81%
XYZ	57.0457, 59.5837, 61.9202
YIQ	203.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

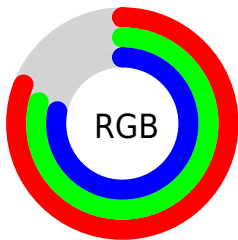
Format	Color
R_{YB}	207, 205, 198
Decimal	13617862
CIE Lab	81.61, 1.02, 2.60
CIE LCh	82, 2.790, 68.537
Yxy	59.5837, 0.3195, 0.3337
Android (android.graphics.Color)	4291807942 (0xFFCFCAC6)
YUV	203.0390, -2.4842, 3.4738
Hunter-Lab	77.1905, -3.1674, 6.4724

Details

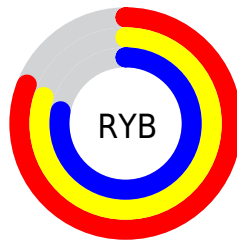
The XYZ color **57.0457, 59.5837, 61.9202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9070, 59.2217, 67.5165**, and the grayscale version is **56.8039, 59.7621, 65.0809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7608, 29.9657, 30.6537** is the 20% darker color. If you saturate the color by 10%, you get **52.2233, 53.5018, 49.3270**, and if you desaturate by 10%, it is **62.3987, 66.2029, 76.3016**.

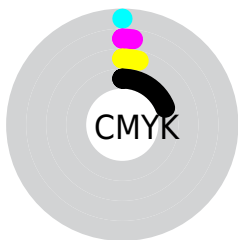
Distribution



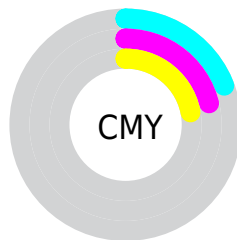
- Red (81%)
- Green (79%)
- Blue (78%)



- Red (81%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0457, 59.5837, 61.9202 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 57.0457, 59.5837, 61.9202 by changing the saturation by 10% instead.

■ 57.0457, 59.5837,
61.9202

■ 57.0457, 59.5837,
61.9202

403.6319,
423.0616, 449.6396

■ 41.2822, 43.0832,
44.5328

99.6628, 104.2255,
109.1807

■ 28.7283, 29.9504,
30.7494

127.2472,
133.1356, 139.8909

■ 19.0186, 19.8009,
20.1512

159.5026,
166.9510, 175.8791

■ 11.7878, 12.2504,
12.3198

196.7943,
206.0562, 217.5639

■ 6.6705, 6.9145,
6.8367

239.4878,
250.8354, 265.3638

■ 3.3014, 3.4087,
3.2833

287.9483,

■ 1.3151, 1.3486,

301.6731, 319.6973

1.2410

342.5412,
358.9537, 380.9831

■ 0.1945, 0.1784,
0.0127

■ 0.0000, 0.0000,
0.0000

■ 57.0457, 59.5837,
61.9202

■ 57.0457, 59.5837,
61.9202

■ 52.2233, 53.5018,
49.3270

■ 62.3987, 66.2029,
76.3016

■ 47.9088, 47.9355,
38.4474

■ 68.2937, 73.3651,
92.5342

■ 44.0856, 42.8728,
29.2074

■ 73.9160, 80.7527,
106.2988

■ 40.7337, 38.2983,
21.5257

■ 77.3407, 87.6021,
107.4404

■ 37.8319, 34.1958,
15.3144

■ 79.5424, 92.0056,
108.1743

■ 35.3571, 30.5480,
10.4762

■ 33.2837, 27.3362,
6.9025

■ 31.5826, 24.5400,
4.4673

■ 30.2194, 22.1363,
3.0183

Harmonies

Analogous

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



57.5182, 59.5837, 62.8873



57.0457, 59.5837, 61.9202



56.4655, 59.5837, 61.7382

Triad

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



57.0457, 59.5837, 61.9202



55.5258, 59.5837, 65.3566



57.3372, 59.5837, 67.4329

Complementary

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



57.0457, 59.5837, 61.9202



55.9070, 59.2217, 67.5165

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.



56.7999, 59.5837, 68.1195



57.0457, 59.5837, 61.9202



55.7559, 59.5837, 66.9073

Square

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



57.0457, 59.5837, 61.9202



55.5906, 59.5837, 63.7032



56.2213, 59.5837, 67.9255



57.6874, 59.5837, 66.0641

Rectangle

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



57.0457, 59.5837, 61.9202



56.0961, 59.5837, 62.0834



56.2213, 59.5837, 67.9255



57.1724, 59.5837, 67.7522

Sweetspot

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



57.0474, 59.5863, 61.9215



94.1922, 98.9370, 106.6021



56.7184, 57.9710, 64.7633



20.1701, 21.1878, 22.8415



0.0000, 0.0000, 0.0000



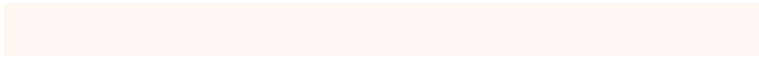
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0474, 59.5863, 61.9215



90.8480, 94.7727, 97.7062



58.0937, 61.6789, 62.2703



12.6509, 13.1837, 13.5019



18.7197, 13.3725, 1.5945



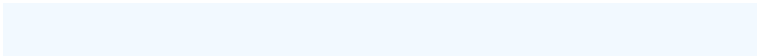
1.1252, 0.9048, 0.1153

Inverse Universe

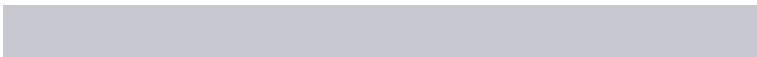
The Inverse Universe completely reimagines the original color for something new.



55.9070, 59.2217, 67.5165



88.7310, 94.0958, 108.0934



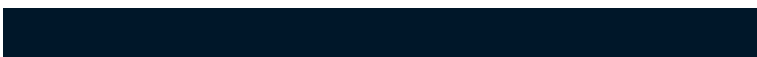
54.8835, 57.1746, 67.1754



12.3214, 13.0783, 15.1186



11.0480, 10.7425, 38.6837



0.6962, 0.7577, 2.1891

Previews

White Background



This preview shows how the XYZ color 57.0457, 59.5837, 61.9202 looks on a white background.

Color Contrast Check

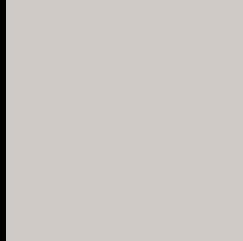
Large Text (above 18pt) WCAG AA × Fail

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 57.0457, 59.5837, 61.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

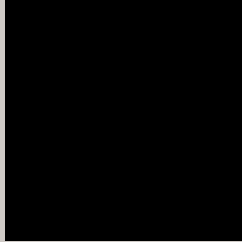
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

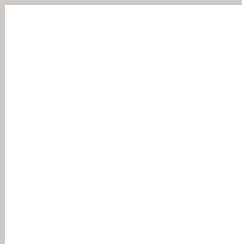
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0457, 59.5837, 61.9202

Background



This preview shows how black text looks on a background with the XYZ color 57.0457, 59.5837, 61.9202.

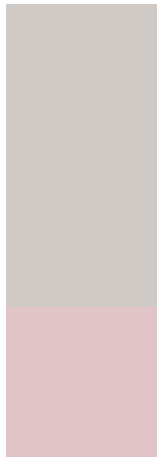


This preview shows how white text looks on a background with the XYZ color 57.0457, 59.5837,

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

57.0457, 59.5837, 61.9202

Protanopia

57.0457, 59.5837, 61.9202

Deuteranopia

60.7892, 59.4507, 62.3040



Tritanopia

59.2675, 59.4548, 72.6422

Trichromacy



Original Color

57.0457, 59.5837, 61.9202

Protanomaly

57.0457, 59.5837, 61.9202

Deuteranomaly

59.4163, 59.4171, 62.3699

Tritanomaly

58.4574, 59.4673, 68.7189

Monochromacy



Original Color

57.0457, 59.5837, 61.9202

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8004, 59.7663, 63.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0457, 59.5837, 61.9202 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(207, 202, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 198)  
}
```

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(207, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.0457, 59.5837, 61.9202 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(207, 202, 198) }
```


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

```
.border{ border-color:rgb(207, 202, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 202, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0457, 59.5837, 61.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 198) }
```

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

```
.background{ background-color: rgb(207,  
202, 198) }
```

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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