

Converting Colors

XYZ(56.5621, 58.3236, 62.6797)

Have a look what the booklet for
XYZ(56.5621, 58.3236, 62.6797)
contains.

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Color

**XYZ(56.5809, 58.2824,
62.9111)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC7C8
RGB	207, 199, 200
RGB Percent	81%, 78%, 78%
CMY	0.1882, 0.2196, 0.2157
CMYK	0.00, 0.04, 0.03, 0.19
HSL	353°, 8%, 80%
HSV	353°, 4%, 81%
XYZ	56.5809, 58.2824, 62.9111
YIQ	201.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

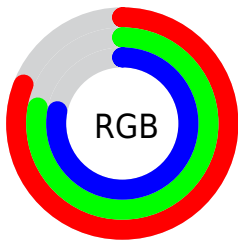
Format	Color
R_{YB}	207, 199, 200
Decimal	13617096
CIE _{Lab}	80.90, 2.96, 0.48
CIE _{LCh}	81, 2.997, 9.270
Yxy	58.2824, 0.3183, 0.3278
Android (android.graphics.Color)	4291807176 (0xFFCFC7C8)
YUV	201.5060, -0.7425, 4.8182
Hunter-Lab	76.3429, -1.3063, 4.5816

Details

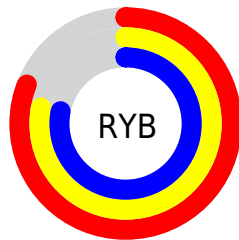
The XYZ color **56.5809, 58.2824, 62.9111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0088, 61.2255, 67.2086**, and the grayscale version is **55.8354, 58.7432, 63.9713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4506, 29.0984, 31.3112** is the 20% darker color. If you saturate the color by 10%, you get **50.1448, 48.6003, 50.9293**, and if you desaturate by 10%, it is **63.9192, 69.3657, 76.4334**.

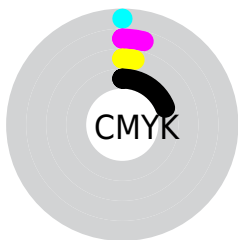
Distribution



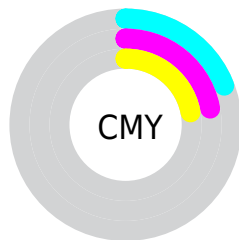
- Red (81%)
- Green (78%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5809, 58.2824, 62.9111 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 56.5809, 58.2824, 62.9111 by changing the saturation by 10% instead.

■ 56.5809, 58.2824,
62.9111

■ 56.5809, 58.2824,
62.9111

401.9166,
418.2374, 453.3458

■ 40.9077, 42.0357,
45.3288

98.9883, 102.3340,
110.6256

■ 28.4343, 29.1293,
31.3716

126.4532,
130.9077, 141.5948

■ 18.7954, 19.1786,
20.6212

158.5794,
164.3592, 177.8634

■ 11.6257, 11.7994,
12.6588

195.7321,
203.0729, 219.8499

■ 6.5597, 6.6072,
7.0661

238.2769,
247.4331, 267.9729

■ 3.2322, 3.2177,
3.4244

286.5790,

■ 1.2777, 1.2464,

297.8244, 322.6508

1.3152

341.0038,
354.6310, 384.3023

■ 0.1664, 0.0991,
0.0742

■ 0.0000, 0.0000,
0.0000

■ 56.5809, 58.2824,
62.9111

■ 56.5809, 58.2824,
62.9111

■ 50.1448, 48.6003,
50.9293

■ 63.9192, 69.3657,
76.4334

■ 44.5712, 40.2564,
40.4296

■ 72.1876, 81.8949,
91.5445

■ 39.8249, 33.1939,
31.3554

■ 79.4401, 91.9646,
107.6352

■ 35.8662, 27.3494,
23.6451

■ 79.5425, 92.0056,
108.1743

■ 32.6521, 22.6539,
17.2324

■ 30.1356, 19.0314,
12.0456

■ 28.2643, 16.3967,
8.0059

■ 26.9781, 14.6520,
5.0253

■ 26.2053, 13.6790,
3.0025

Harmonies

Analogous

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



56.5184, 58.2824, 64.6761



56.5809, 58.2824, 62.9111



56.3240, 58.2824, 61.3224

Triad

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



56.5809, 58.2824, 62.9111



54.6443, 58.2824, 60.8523



54.9747, 58.2824, 66.7075

Complementary

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



56.5809, 58.2824, 62.9111



57.0088, 61.2255, 67.2086

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.



54.4776, 58.2824, 65.6459



56.5809, 58.2824, 62.9111



54.2879, 58.2824, 62.2585

Square

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



56.5809, 58.2824, 62.9111



55.2038, 58.2824, 60.1485



54.2271, 58.2824, 64.0113



55.5880, 58.2824, 66.8901

Rectangle

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



56.5809, 58.2824, 62.9111



56.0072, 58.2824, 60.5691



54.2271, 58.2824, 64.0113



54.7886, 58.2824, 66.4407

Sweetspot

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



56.5825, 58.2849, 62.9124



93.8845, 98.2408, 106.7488



57.1228, 58.4667, 67.3068



20.1074, 21.0461, 22.8713



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.



56.5825, 58.2849, 62.9124



89.3713, 91.4351, 98.3981



57.1476, 59.6008, 62.5280



12.4216, 12.6653, 13.6091



16.3475, 8.4118, 1.4702



0.9343, 0.4785, 0.1891

Inverse Universe

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



56.5825, 58.2849, 62.9124



89.3713, 91.4351, 98.3981



56.4265, 59.8665, 67.6137



12.4216, 12.6653, 13.6091



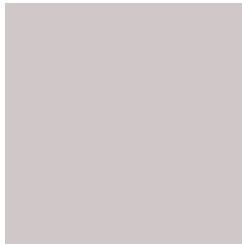
16.3475, 8.4118, 1.4702



0.9343, 0.4785, 0.1891

Previews

White Background



This preview shows how the XYZ color 56.5809, 58.2824, 62.9111 looks on a white background.

Color Contrast Check

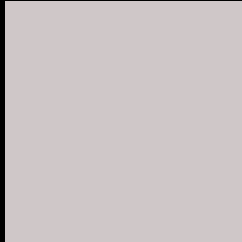
Large Text (above 18pt) WCAG AA × Fail

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 56.5809, 58.2824, 62.9111 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

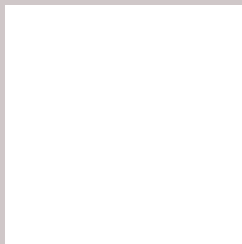
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5809, 58.2824, 62.9111

Background



This preview shows how black text looks on a background with the XYZ color 56.5809, 58.2824, 62.9111.

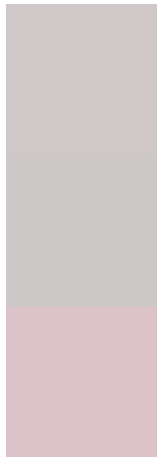


This preview shows how white text looks on a background with the XYZ color 56.5809, 58.2824,

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

56.5809, 58.2824, 62.9111

Protanopia

55.9814, 58.3161, 62.9492

Deuteranopia

59.3496, 58.0163, 63.3285



Tritanopia

58.2710, 58.2919, 71.1310

Trichromacy



Original Color

56.5809, 58.2824, 62.9111

Protanomaly

56.2564, 58.4578, 62.9620

Deuteranomaly

58.3069, 58.1440, 63.4081

Tritanomaly

57.5917, 58.3521, 67.9022

Monochromacy



Original Color

56.5809, 58.2824, 62.9111

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3311, 58.8277, 63.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5809, 58.2824, 62.9111 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, 199, 200) looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 200)  
}
```

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, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.5809, 58.2824, 62.9111 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, 199, 200) }
```


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

```
.border{ border-color:rgb(207, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5809, 58.2824, 62.9111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 200) }
```

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

```
.background{ background-color: rgb(207,  
199, 200) }
```

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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