

Converting Colors

XYZ(56.3786, 58.2554, 64.4284)

Have a look what the booklet for
XYZ(56.3786, 58.2554, 64.4284)
contains.

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Color

**XYZ(56.2609, 58.0903,
64.1244)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC7CA
RGB	205, 199, 202
RGB Percent	80%, 78%, 79%
CMY	0.1961, 0.2196, 0.2078
CMYK	0.00, 0.03, 0.01, 0.20
HSL	330°, 6%, 79%
HSV	330°, 3%, 80%
XYZ	56.2609, 58.0903, 64.1244
YIQ	201.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

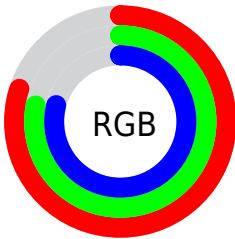
Format	Color
R _Y B	205, 199, 202
Decimal	13486026
CIE Lab	80.79, 2.62, -0.77
CIE LCh	81, 2.732, 343.737
Yxy	58.0903, 0.3152, 0.3255
Android (android.graphics.Color)	4291676106 (0xFFC7DC7CA)
YUV	201.1360, 0.4260, 3.3887
Hunter-Lab	76.2170, -1.6169, 3.4689

Details

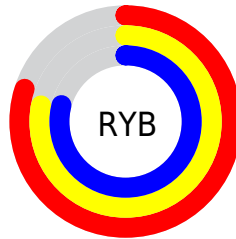
The XYZ color **56.2609, 58.0903, 64.1244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0473, 60.0704, 64.5208**, and the grayscale version is **55.5994, 58.4949, 63.7009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2332, 28.9682, 32.1204** is the 20% darker color. If you saturate the color by 10%, you get **50.6844, 48.8159, 56.4726**, and if you desaturate by 10%, it is **62.5568, 68.6728, 72.4156**.

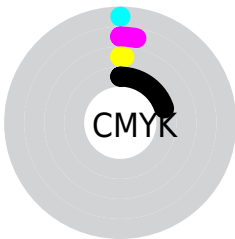
Distribution



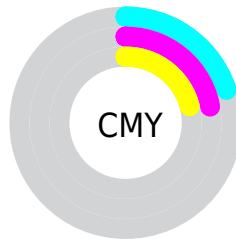
- Red (80%)
- Green (78%)
- Blue (79%)



- Red (80%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2609, 58.0903, 64.1244 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 56.2609, 58.0903, 64.1244 by changing the saturation by 10% instead.

■ 56.2609, 58.0903,
64.1244

■ 56.2609, 58.0903,
64.1244

400.7331,
417.5223, 457.8585

■ 40.6500, 41.8812,
46.3046

98.5235, 102.0543,
112.3913

■ 28.2321, 29.0083,
32.1359

125.9059,
130.5781, 143.6754

■ 18.6421, 19.0871,
21.1996

157.9429,
163.9756, 180.2848

■ 11.5144, 11.7332,
13.0773

194.9997,
202.6312, 222.6379

■ 6.4838, 6.5623,
7.3505

237.4418,
246.9293, 271.1533

■ 3.1849, 3.1899,
3.6005

285.6345,

■ 1.2523, 1.2317,

297.2542, 326.2495

1.4088

339.9431,
353.9904, 388.3450

■ 0.1470, 0.0873,
0.1486

■ 0.0000, 0.0000,
0.0000

■ 56.2609, 58.0903,
64.1244

■ 56.2609, 58.0903,
64.1244

■ 50.6844, 48.8159,
56.4726

■ 62.5568, 68.6728,
72.4156

■ 45.7957, 40.7910,
49.4399

■ 69.5924, 80.6040,
81.3584

■ 41.5677, 33.9637,
43.0100

■ 75.6120, 90.3693,
90.3754

■ 37.9701, 28.2754,
37.1647

■ 77.1184, 90.9718,
98.3080

■ 34.9696, 23.6628,
31.8845

■ 78.7114, 91.6090,
106.6963

■ 32.5300, 20.0560,
27.1486

■ 78.9871, 91.7193,
108.1483

■ 30.6109, 17.3772,
22.9343

■ 29.1657, 15.5366,
19.2168

■ 28.1392, 14.4264,
15.9678

Harmonies

Analogous

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



55.9664, 58.0903, 65.5215



56.2609, 58.0903, 64.1244



56.2734, 58.0903, 62.5157

Triad

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



56.2609, 58.0903, 64.1244



54.9559, 58.0903, 60.2807



54.4331, 58.0903, 65.4224

Complementary

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



56.2609, 58.0903, 64.1244



56.0473, 60.0704, 64.5208

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.



54.1661, 58.0903, 63.9910



56.2609, 58.0903, 64.1244



54.4666, 58.0903, 61.0325

Square

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



56.2609, 58.0903, 64.1244



55.5174, 58.0903, 60.3150



54.1784, 58.0903, 62.3845



54.9099, 58.0903, 66.2796

Rectangle

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



56.2609, 58.0903, 64.1244



56.1200, 58.0903, 61.5409



54.1784, 58.0903, 62.3845



54.3160, 58.0903, 64.9914

Sweetspot

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



56.2625, 58.0928, 64.1257



94.0372, 98.3019, 107.5525



55.8021, 57.8140, 65.9764



20.1385, 21.0585, 23.0349



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.



56.2625, 58.0928, 64.1257



91.0711, 93.3395, 103.5743



55.9111, 57.9522, 62.2750



12.0186, 12.2652, 13.6511



17.2283, 8.7019, 8.9207



0.9271, 0.4642, 0.6620

Inverse Universe

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



56.2625, 58.0928, 64.1257



91.0711, 93.3395, 103.5743



56.4057, 60.2138, 66.4078



12.0186, 12.2652, 13.6511



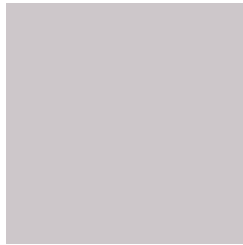
17.2283, 8.7019, 8.9207



0.9271, 0.4642, 0.6620

Previews

White Background



This preview shows how the XYZ color 56.2609, 58.0903, 64.1244 looks on a white background.

Color Contrast Check

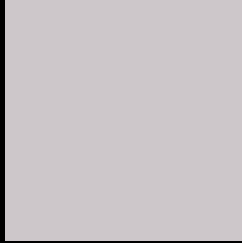
Large Text (above 18pt) WCAG AA × Fail

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 56.2609, 58.0903, 64.1244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

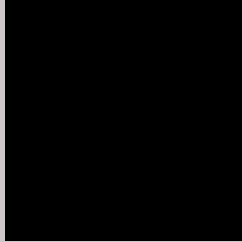
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2609, 58.0903, 64.1244

Background



This preview shows how black text looks on a background with the XYZ color 56.2609, 58.0903, 64.1244.

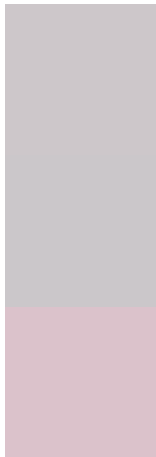


This preview shows how white text looks on a background with the XYZ color 56.2609, 58.0903,

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

56.2609, 58.0903, 64.1244

Protanopia

55.7127, 57.8076, 64.0987

Deuteranopia

59.2847, 57.9554, 64.5618



Tritanopia

57.7086, 58.0020, 71.1047

Trichromacy



Original Color

56.2609, 58.0903, 64.1244

Protanomaly

55.9859, 57.9485, 64.1115

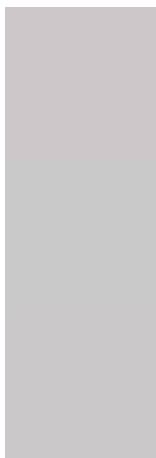
Deuteranomaly

58.2510, 58.0878, 64.6418

Tritanomaly

57.1563, 58.1134, 68.5262

Monochromacy



Original Color

56.2609, 58.0903, 64.1244

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5540, 58.0822, 63.5413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2609, 58.0903, 64.1244 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(205, 199, 202) looks like.

```
.text, #text, p{  
    color:rgb(205, 199, 202)  
}
```

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(205, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 199, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.2609, 58.0903, 64.1244 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(205, 199, 202) }
```


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

```
.border{ border-color:rgb(205, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 199,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2609, 58.0903, 64.1244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 199, 202) }
```

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

```
.background{ background-color: rgb(205,  
199, 202) }
```

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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