

Converting Colors

XYZ(57.3882, 58.5724, 72.0125)

Have a look what the booklet for
XYZ(57.3882, 58.5724, 72.0125)
contains.

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Color

**XYZ(57.1896, 58.3984,
71.8761)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC7D6
RGB	203, 199, 214
RGB Percent	80%, 78%, 84%
CMY	0.2039, 0.2196, 0.1608
CMYK	0.05, 0.07, 0.00, 0.16
HSL	256°, 15%, 81%
HSV	256°, 7%, 84%
XYZ	57.1896, 58.3984, 71.8761
YIQ	201.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

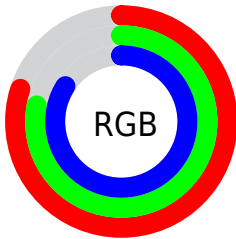
Format	Color
R _Y B	203, 199, 214
Decimal	13354966
CIE Lab	80.96, 4.18, -6.97
CIE LCh	81, 8.130, 300.972
Yxy	58.3984, 0.3051, 0.3115
Android (android.graphics.Color)	4291545046 (0xFFCBC7D6)
YUV	201.9060, 5.9623, 0.9594
Hunter-Lab	76.4188, -0.1489, -2.2723

Details

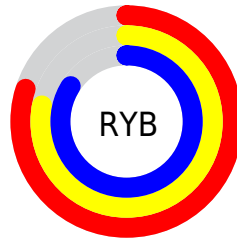
The XYZ color **57.1896, 58.3984, 71.8761** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9359, 65.9198, 63.5479**, and the grayscale version is **56.0469, 58.9658, 64.2137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7778, 29.1436, 36.9094** is the 20% darker color. If you saturate the color by 10%, you get **48.5478, 47.1421, 70.1598**, and if you desaturate by 10%, it is **66.9601, 71.2676, 73.8460**.

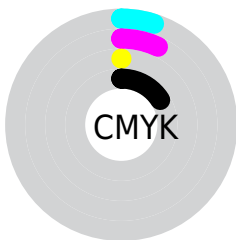
Distribution



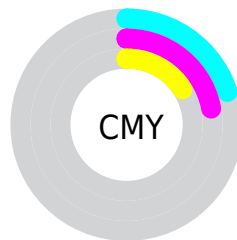
- Red (80%)
- Green (78%)
- Blue (84%)



- Red (80%)
- Yellow (78%)
- Blue (84%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1896, 58.3984, 71.8761 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 57.1896, 58.3984, 71.8761 by changing the saturation by 10% instead.

■ 57.1896, 58.3984,
71.8761

■ 57.1896, 58.3984,
71.8761

404.1621,
418.6688, 486.0762

■ 41.3982, 42.1290,
52.5713

99.8715, 102.5028,
123.5864

■ 28.8194, 29.2023,
37.0752

127.4928,
131.1066, 156.8290

■ 19.0878, 19.2339,
24.9695

159.7881,
164.5907, 195.5546

■ 11.8382, 11.8394,
15.8355

197.1228,
203.3394, 240.1817

■ 6.7050, 6.6344,
9.2547

239.8621,
247.7372, 291.1288

■ 3.3230, 3.2346,
4.8086

288.3716,

■ 1.3268, 1.2554,

298.1684, 348.8146

2.0787

343.0164,
355.0175, 413.6576

■ 0.2031, 0.1063,
0.6030

■ 0.0000, 0.0000,
0.0000

■ 57.1896, 58.3984,
71.8761

■ 57.1896, 58.3984,
71.8761

■ 48.5478, 47.1421,
70.1598

■ 66.9601, 71.2676,
73.8460

■ 40.9879, 37.4271,
68.6830

■ 77.8935, 85.8028,
76.0754

■ 34.4676, 29.1876,
67.4363

■ 87.3550, 96.7161,
77.6832

■ 28.9395, 22.3499,
66.4079

■ 89.1378, 97.6351,
77.7666

■ 24.3524, 16.8339,
65.5849

■ 20.6505, 12.5512,
64.9534

■ 17.7714, 9.4025,
64.4974

■ 15.6435, 7.2719,
64.1983

■ 14.1770, 6.0096,
64.0319

Harmonies

Analogous

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



55.5609, 58.3984, 73.3195



57.1896, 58.3984, 71.8761



58.3866, 58.3984, 68.1943

Triad

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



57.1896, 58.3984, 71.8761



57.0925, 58.3984, 55.8146



52.3299, 58.3984, 63.7435

Complementary

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



57.1896, 58.3984, 71.8761



60.9359, 65.9198, 63.5479

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.



52.7216, 58.3984, 59.1900



57.1896, 58.3984, 71.8761



55.4510, 58.3984, 54.7543

Square

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



57.1896, 58.3984, 71.8761



58.3298, 58.3984, 58.9304



53.8556, 58.3984, 55.9591



52.7747, 58.3984, 68.4804

Rectangle

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



57.1896, 58.3984, 71.8761



58.7668, 58.3984, 65.0527



53.8556, 58.3984, 55.9591



52.3680, 58.3984, 62.1414

Sweetspot

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



57.1913, 58.4009, 71.8774



92.0816, 96.0865, 108.3011



58.8011, 63.2157, 72.7219



19.7404, 20.6075, 23.1872



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.



57.1913, 58.4009, 71.8774



83.5916, 84.9396, 106.5970



59.2125, 59.4428, 71.9720



12.0500, 12.1672, 15.6509



8.4422, 3.5046, 38.6847



0.5879, 0.2520, 2.3370

Inverse Universe

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



59.7899, 59.7988, 69.3668



88.0208, 87.3226, 102.2996



58.9179, 64.8795, 63.4534



12.8052, 12.5736, 14.9143



20.4839, 10.1299, 20.3840



1.2690, 0.6244, 1.4057

Previews

White Background



This preview shows how the XYZ color 57.1896, 58.3984, 71.8761 looks on a white background.

Color Contrast Check

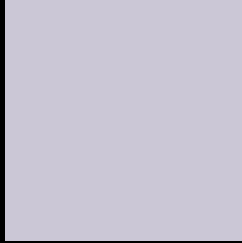
Large Text (above 18pt) WCAG AA × Fail

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 57.1896, 58.3984, 71.8761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

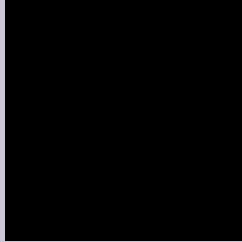
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1896, 58.3984, 71.8761

Background



This preview shows how black text looks on a background with the XYZ color 57.1896, 58.3984, 71.8761.

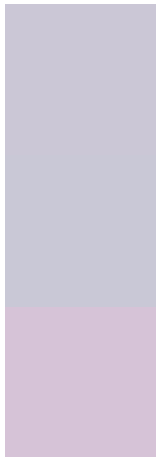


This preview shows how white text looks on a background with the XYZ color 57.1896, 58.3984,

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

57.1896, 58.3984, 71.8761

Protanopia

56.8793, 58.5811, 71.9278

Deuteranopia

59.5124, 58.2327, 72.3934



Tritanopia

57.3178, 58.4497, 72.5509

Trichromacy



Original Color

57.1896, 58.3984, 71.8761

Protanomaly

57.1490, 58.7201, 71.9404

Deuteranomaly

58.5840, 58.0878, 72.4143

Tritanomaly

57.3178, 58.4497, 72.5509

Monochromacy



Original Color

57.1896, 58.3984, 71.8761

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3843, 58.7861, 66.7676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1896, 58.3984, 71.8761 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, 199, 214) looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 214)  
}
```

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, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.1896, 58.3984, 71.8761 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, 199, 214) }
```


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

```
.border{ border-color:rgb(203, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1896, 58.3984, 71.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 214) }
```

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

```
.background{ background-color: rgb(203,  
199, 214) }
```

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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