

Converting Colors

XYZ(58.0577, 57.6862, 70.6931)

Have a look what the booklet for
XYZ(58.0577, 57.6862, 70.6931)
contains.

XYZ(58.3285, 57.9856, 71.0689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.3285, 57.9856,
71.0689)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C4D5
RGB	210, 196, 213
RGB Percent	82%, 77%, 84%
CMY	0.1765, 0.2314, 0.1647
CMYK	0.01, 0.08, 0.00, 0.16
HSL	289°, 17%, 80%
HSV	289°, 8%, 84%
XYZ	58.3285, 57.9856, 71.0689
YIQ	202.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

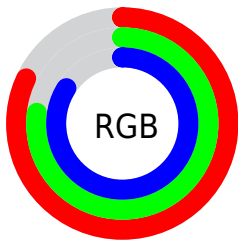
Format	Color
R_{YB}	210, 196, 213
Decimal	13812949
CIE Lab	80.73, 7.95, -6.71
CIE LCh	81, 10.407, 319.847
Yxy	57.9856, 0.3113, 0.3094
Android (android.graphics.Color)	4292003029 (0xFFD2C4D5)
YUV	202.1240, 5.3619, 6.9073
Hunter-Lab	76.1483, 3.4690, -2.0313

Details

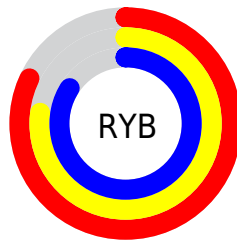
The XYZ color **58.3285, 57.9856, 71.0689** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3134, 63.7177, 61.5055**, and the grayscale version is **56.1842, 59.1101, 64.3709**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **29.5549, 28.8825, 36.3649** is the 20% darker color. If you saturate the color by 10%, you get **52.8038, 48.5058, 69.5312**, and if you desaturate by 10%, it is **64.5638, 68.8475, 72.8377**.

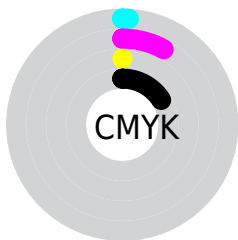
Distribution



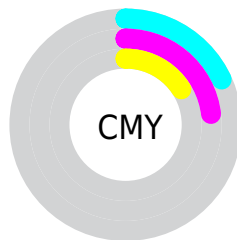
- Red (82%)
- Green (77%)
- Blue (84%)



- Red (82%)
- Yellow (77%)
- Blue (84%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3285, 57.9856, 71.0689 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 58.3285, 57.9856, 71.0689 by changing the saturation by 10% instead.

■ 58.3285, 57.9856,
71.0689

■ 58.3285, 57.9856,
71.0689

408.3430,
417.1323, 483.1844

■ 42.3171, 41.7971,
51.9162

101.5213,
101.9019, 122.4272

■ 29.5419, 28.9424,
36.5565

129.4334,
130.3984, 155.4699

■ 19.6374, 19.0373,
24.5712

162.0431,
163.7665, 193.9798

■ 12.2385, 11.6972,
15.5418

199.7157,
202.3903, 238.3752

■ 6.9797, 6.5379,
9.0497

242.8167,
246.6544, 289.0749

■ 3.4956, 3.1748,
4.6763

291.7113,

■ 1.4209, 1.2237,

296.9432, 346.4973

2.0032

346.7650,
353.6410, 411.0609

■ 0.2711, 0.0809,
0.5573

■ 0.0000, 0.0000,
0.0000

■ 58.3285, 57.9856,
71.0689

■ 58.3285, 57.9856,
71.0689

■ 52.8038, 48.5058,
69.5312

■ 64.5638, 68.8475,
72.8377

■ 47.9558, 40.3433,
68.2112

■ 71.5317, 81.1379,
74.8427

■ 43.7555, 33.4393,
67.0999

■ 77.6746, 91.7403,
76.5654

■ 40.1697, 27.7276,
66.1865

■ 78.8341, 92.3381,
76.6197

37.1620, 23.1359,
65.4587

80.0195, 92.9492,
76.6752

34.6922, 19.5840,
64.9033

81.2308, 93.5737,
76.7319

32.7147, 16.9809,
64.5051

82.4683, 94.2116,
76.7898

31.1760, 15.2198,
64.2462

83.7321, 94.8631,
76.8489

29.9990, 14.1470,
64.1012

85.0223, 95.5282,
76.9093

Harmonies

Analogous

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



56.5266, 57.9856, 74.9192



58.3285, 57.9856, 71.0689



59.2766, 57.9856, 65.2431

Triad

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



58.3285, 57.9856, 71.0689



55.8443, 57.9856, 52.2021



51.3221, 57.9856, 67.2348

Complementary

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



58.3285, 57.9856, 71.0689



57.3134, 63.7177, 61.5055

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.



51.1502, 57.9856, 61.0757



58.3285, 57.9856, 71.0689



53.7243, 57.9856, 52.6588

Square

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



58.3285, 57.9856, 71.0689



57.8179, 57.9856, 54.5266



52.0190, 57.9856, 55.8174



52.4949, 57.9856, 72.6080

Rectangle

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



58.3285, 57.9856, 71.0689



59.2806, 57.9856, 61.1367



52.0190, 57.9856, 55.8174



51.1465, 57.9856, 65.1794

Sweetspot

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



58.3302, 57.9881, 71.0702



93.1141, 96.6188, 108.3494



55.2279, 57.4431, 71.1285



19.9506, 20.7158, 23.1970



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.



58.3302, 57.9881, 71.0702



85.8113, 83.9521, 106.2894



58.5204, 58.1638, 67.5715



12.7280, 12.5167, 15.6826



18.2689, 8.5705, 39.1445



1.1596, 0.5467, 2.3637

Inverse Universe

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



57.4914, 57.7522, 62.1530



84.2493, 83.5163, 89.5224



57.1490, 63.5609, 64.7538



12.5118, 12.4562, 13.3697



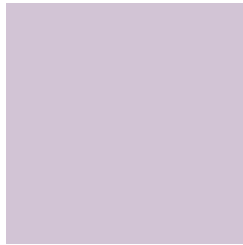
16.9983, 8.7356, 2.0290



1.0529, 0.5380, 0.2681

Previews

White Background



This preview shows how the XYZ color 58.3285, 57.9856, 71.0689 looks on a white background.

Color Contrast Check

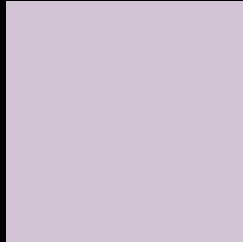
Large Text (above 18pt) WCAG AA × Fail

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 58.3285, 57.9856, 71.0689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

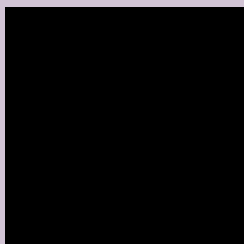
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3285, 57.9856, 71.0689

Background



This preview shows how black text looks on a background with the XYZ color 58.3285, 57.9856, 71.0689.

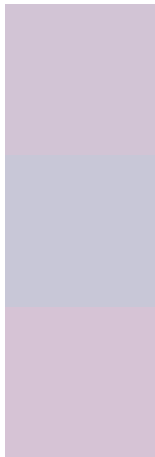


This preview shows how white text looks on a background with the XYZ color 58.3285, 57.9856,

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

58.3285, 57.9856, 71.0689

Protanopia

56.5086, 58.0325, 72.5130

Deuteranopia

59.2569, 58.1305, 71.0479



Tritanopia

58.2019, 57.9350, 70.4023

Trichromacy



Original Color

58.3285, 57.9856, 71.0689

Protanomaly

57.2335, 58.0806, 71.8125

Deuteranomaly

58.9659, 57.9804, 71.0343

Tritanomaly

58.2019, 57.9350, 70.4023

Monochromacy



Original Color

58.3285, 57.9856, 71.0689

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9717, 58.7439, 66.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3285, 57.9856, 71.0689 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(210, 196, 213) looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 213)  
}
```

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(210, 196, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.3285, 57.9856, 71.0689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

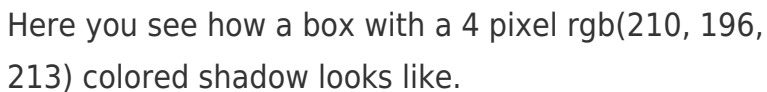
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 196, 213) }
```


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

```
.border{ border-color:rgb(210, 196, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 196, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 196, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 196, 213); box-shadow:4px 4px 4px 4px rgb(210, 196, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3285, 57.9856, 71.0689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 213) }
```

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

```
.background{ background-color: rgb(210,  
196, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor