

Converting Colors

XYZ(56.0117, 56.1695, 71.3951)

Have a look what the booklet for
XYZ(56.0117, 56.1695, 71.3951)
contains.

XYZ(56.0580, 56.1351, 71.4989)	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(56.0580, 56.1351,
71.4989)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC2D6
RGB	203, 194, 214
RGB Percent	80%, 76%, 84%
CMY	0.2039, 0.2392, 0.1608
CMYK	0.05, 0.09, 0.00, 0.16
HSL	267°, 20%, 80%
HSV	267°, 9%, 84%
XYZ	56.0580, 56.1351, 71.4989
YIQ	198.9710, -1.0560, 8.1280

Conversions

Conversions Part 2

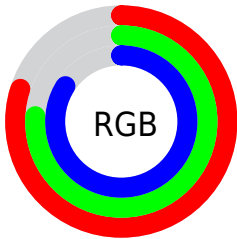
Format	Color
R _Y B	203, 194, 214
Decimal	13353686
CIE Lab	79.69, 6.85, -8.85
CIE LCh	80, 11.195, 307.735
Yxy	56.1351, 0.3052, 0.3056
Android (android.graphics.Color)	4291543766 (0xFFCBC2D6)
YUV	198.9710, 7.4093, 3.5334
Hunter-Lab	74.9234, 2.4386, -4.1337

Details

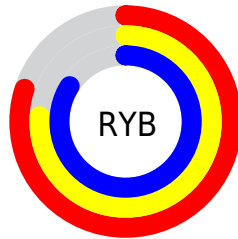
The XYZ color **56.0580, 56.1351, 71.4989** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9630, 64.9687, 60.4742**, and the grayscale version is **54.2263, 57.0503, 62.1278**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **28.0305, 27.6489, 36.6603** is the 20% darker color. If you saturate the color by 10%, you get **48.5494, 45.6970, 69.8807**, and if you desaturate by 10%, it is **64.4992, 68.0751, 73.3595**.

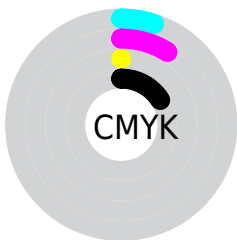
Distribution



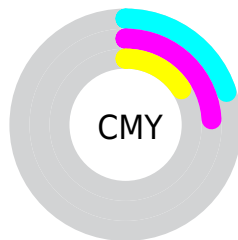
- Red (80%)
- Green (76%)
- Blue (84%)



- Red (80%)
- Yellow (76%)
- Blue (84%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0580, 56.1351, 71.4989 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 56.0580, 56.1351, 71.4989 by changing the saturation by 10% instead.

■ 56.0580, 56.1351,
71.4989

■ 56.0580, 56.1351,
71.4989

399.9815,
410.2004, 484.7261

■ 40.4866, 40.3113,
52.2651

■ 98.2287, 99.2021,
123.0449

■ 28.1040, 27.7813,
36.8327

125.5587,
127.2140, 156.1942

■ 18.5450, 18.1609,
24.7832

157.5390,
160.0574, 194.8191

■ 11.4440, 11.0655,
15.6981

194.5348,
198.1167, 239.3381

■ 6.4358, 6.1109,
9.1587

236.9117,
241.7762, 290.1698

■ 3.1550, 2.9127,
4.7466

285.0348,

■ 1.2363, 1.0863,

291.4204, 347.7326

2.0433

339.2697,
347.4337, 412.4452

■ 0.1347, 0.0000,
0.5817

■ 0.0000, 0.0000,
0.0000

■ 56.0580, 56.1351,
71.4989

■ 56.0580, 56.1351,
71.4989

■ 48.5494, 45.6970,
69.8807

■ 64.4992, 68.0751,
73.3595

■ 41.9339, 36.6926,
68.4914

■ 73.9006, 81.5675,
75.4683

■ 36.1763, 29.0589,
67.3214

■ 83.2640, 94.6071,
77.4917

■ 31.2370, 22.7252,
66.3592

■ 87.3536, 96.7153,
77.6831

■ 27.0731, 17.6144,
65.5922

■ 89.1378, 97.6351,
77.7666

■ 23.6370, 13.6410,
65.0063

■ 20.8754, 10.7079,
64.5857

■ 18.7260, 8.7005,
64.3116

■ 17.0889, 7.4301,
64.1526

Harmonies

Analogous

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



53.9416, 56.1351, 74.2981



56.0580, 56.1351, 71.4989



57.4771, 56.1351, 65.9580

Triad

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



56.0580, 56.1351, 71.4989



55.0178, 56.1351, 50.3150



49.1646, 56.1351, 62.8116

Complementary

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



56.0580, 56.1351, 71.4989



58.9630, 64.9687, 60.4742

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.



49.4343, 56.1351, 56.5276



56.0580, 56.1351, 71.4989



52.7721, 56.1351, 49.6030

Square

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



56.0580, 56.1351, 71.4989



56.8648, 56.1351, 53.8187



50.7398, 56.1351, 51.8003



49.9922, 56.1351, 69.0570

Rectangle

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



56.0580, 56.1351, 71.4989



57.8146, 56.1351, 61.6146



50.7398, 56.1351, 51.8003



49.1303, 56.1351, 60.6312

Sweetspot

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



56.0597, 56.1375, 71.5001



91.1267, 94.4264, 108.0310



56.2989, 60.1486, 72.2618



19.2851, 19.8999, 23.0746



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.



56.0597, 56.1375, 71.5001



81.2950, 80.5810, 105.8767



58.7750, 57.5373, 71.6272



12.2679, 12.2795, 15.6611



10.3865, 4.5070, 38.7757



0.7210, 0.3206, 2.3432

Inverse Universe

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



58.0447, 57.2899, 65.7590



84.7795, 82.6045, 95.7794



56.3781, 63.6362, 60.3532



12.7062, 12.5340, 14.3932



18.7814, 9.4489, 11.4187



1.1743, 0.5865, 0.9071

Previews

White Background



This preview shows how the XYZ color 56.0580, 56.1351, 71.4989 looks on a white background.

Color Contrast Check

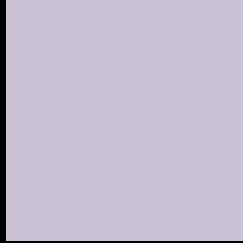
Large Text (above 18pt) WCAG AA × Fail

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 56.0580, 56.1351, 71.4989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

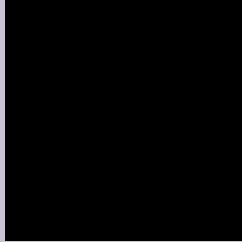
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0580, 56.1351, 71.4989

Background



This preview shows how black text looks on a background with the XYZ color 56.0580, 56.1351, 71.4989.



This preview shows how white text looks on a background with the XYZ color 56.0580, 56.1351,

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

56.0580, 56.1351, 71.4989

Protanopia

54.7706, 56.1219, 72.2359

Deuteranopia

57.2817, 56.1096, 71.4295



Tritanopia

55.5051, 56.2399, 68.9027

Trichromacy



Original Color

56.0580, 56.1351, 71.4989

Protanomaly

55.3340, 56.0786, 72.1978

Deuteranomaly

56.9397, 56.2604, 71.4766

Tritanomaly

55.6301, 56.2899, 69.5610

Monochromacy



Original Color

56.0580, 56.1351, 71.4989

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6848, 56.5715, 65.1639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0580, 56.1351, 71.4989 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, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(203, 194, 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, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 194, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.0580, 56.1351, 71.4989 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, 194, 214) }
```


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

```
.border{ border-color:rgb(203, 194, 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, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(203, 194,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0580, 56.1351, 71.4989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 194, 214) }
```

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

```
.background{ background-color: rgb(203,  
194, 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](#).

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