

Converting Colors

XYZ(56.5632, 56.3668, 71.5771)

Have a look what the booklet for
XYZ(56.5632, 56.3668, 71.5771)
contains.

XYZ(56.6062, 56.4177, 71.5246)	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(56.6062, 56.4177,
71.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC2D6
RGB	205, 194, 214
RGB Percent	80%, 76%, 84%
CMY	0.1961, 0.2392, 0.1608
CMYK	0.04, 0.09, 0.00, 0.16
HSL	273°, 20%, 80%
HSV	273°, 9%, 84%
XYZ	56.6062, 56.4177, 71.5246
YIQ	199.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

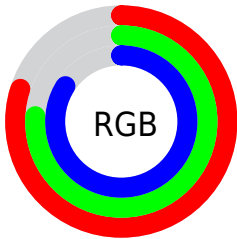
Format	Color
R _Y B	205, 194, 214
Decimal	13484758
CIE Lab	79.85, 7.52, -8.60
CIE LCh	80, 11.424, 311.185
Yxy	56.4177, 0.3067, 0.3057
Android (android.graphics.Color)	4291674838 (0xFFCDC2D6)
YUV	199.5690, 7.1145, 4.7630
Hunter-Lab	75.1117, 3.0769, -3.8803

Details

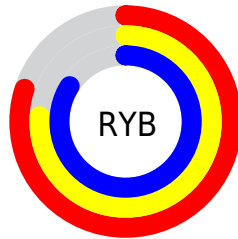
The XYZ color **56.6062, 56.4177, 71.5246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4148, 64.6862, 60.4486**, and the grayscale version is **54.5938, 57.4369, 62.5488**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **28.3986, 27.8387, 36.6775** is the 20% darker color. If you saturate the color by 10%, you get **49.6071, 46.2423, 69.9303**, and if you desaturate by 10%, it is **64.4581, 68.0540, 73.3576**.

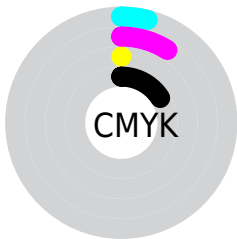
Distribution



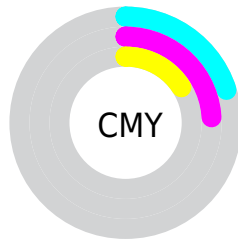
- Red (80%)
- Green (76%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6062, 56.4177, 71.5246 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 56.6062, 56.4177, 71.5246 by changing the saturation by 10% instead.

■ 56.6062, 56.4177,
71.5246

■ 56.6062, 56.4177,
71.5246

402.0101,
411.2637, 484.8182

■ 40.9281, 40.5379,
52.2860

■ 99.0250, 99.6150,
123.0818

■ 28.4503, 27.9582,
36.8492

126.4964,
127.7014, 156.2375

■ 18.8076, 18.2942,
24.7959

158.6296,
160.6254, 194.8692

■ 11.6345, 11.1614,
15.7074

195.7900,
198.7714, 239.3956

■ 6.5657, 6.1755,
9.1653

238.3429,
242.5238, 290.2351

■ 3.2359, 2.9521,
4.7508

286.6536,

■ 1.2797, 1.1068,

292.2671, 347.8064

2.0457

341.0876,
348.3856, 412.5279

■ 0.1680, 0.0000,
0.5831

■ 0.0000, 0.0000,
0.0000

■ 56.6062, 56.4177,
71.5246

■ 56.6062, 56.4177,
71.5246

■ 49.6071, 46.2423,
69.9303

■ 64.4581, 68.0540,
73.3576

■ 43.4236, 37.4606,
68.5612

■ 73.1880, 81.2001,
75.4350

■ 38.0232, 30.0110,
67.4079

■ 81.7953, 93.8499,
77.4230

■ 33.3689, 23.8242,
66.4590

■ 85.0421, 95.5237,
77.5749

■ 29.4206, 18.8246,
65.7021

■ 88.4636, 97.2875,
77.7351

■ 26.1338, 14.9282,
65.1232

■ 89.1378, 97.6351,
77.7666

■ 23.4582, 12.0393,
64.7067

■ 21.3349, 10.0455,
64.4337

■ 19.6676, 8.7595,
64.2734

Harmonies

Analogous

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



54.4908, 56.4177, 74.7938



56.6062, 56.4177, 71.5246



57.9452, 56.4177, 65.6304

Triad

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



56.6062, 56.4177, 71.5246



55.0708, 56.4177, 50.1421



49.3768, 56.4177, 63.9338

Complementary

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



56.6062, 56.4177, 71.5246



58.4148, 64.6862, 60.4486

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.



49.5219, 56.4177, 57.4114



56.6062, 56.4177, 71.5246



52.7651, 56.4177, 49.7599

Square

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



56.6062, 56.4177, 71.5246



57.0413, 56.4177, 53.4163



50.7471, 56.4177, 52.3316



50.3447, 56.4177, 70.2060

Rectangle

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



56.6062, 56.4177, 71.5246



58.1948, 56.4177, 61.1662



50.7471, 56.4177, 52.3316



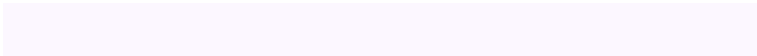
49.2977, 56.4177, 61.6931

Sweetspot

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



56.6079, 56.4201, 71.5258



91.4025, 94.5686, 108.0439



55.8226, 59.1960, 72.1030



19.3596, 19.9383, 23.0781



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.



56.6079, 56.4201, 71.5258



82.2525, 81.0746, 105.9215



59.0776, 57.7031, 71.1979



12.3889, 12.3419, 15.6668



11.9480, 5.3119, 38.8487



0.8154, 0.3692, 2.3476

Inverse Universe

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



57.8048, 57.1940, 64.4956



84.3604, 82.4368, 93.5725



56.1094, 63.4890, 60.7324



12.6533, 12.5128, 14.1143



18.0977, 9.1754, 7.8186



1.1329, 0.5700, 0.6895

Previews

White Background



This preview shows how the XYZ color 56.6062, 56.4177, 71.5246 looks on a white background.

Color Contrast Check

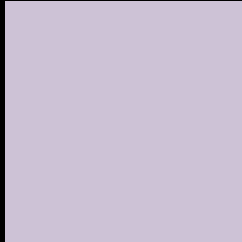
Large Text (above 18pt) WCAG AA × Fail

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 56.6062, 56.4177, 71.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

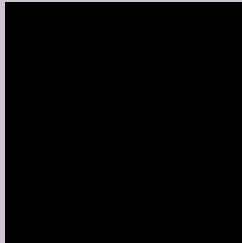
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6062, 56.4177, 71.5246

Background



This preview shows how black text looks on a background with the XYZ color 56.6062, 56.4177, 71.5246.



This preview shows how white text looks on a background with the XYZ color 56.6062, 56.4177,

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

56.6062, 56.4177, 71.5246

Protanopia

55.1259, 56.6261, 72.9902

Deuteranopia

57.5656, 56.2560, 71.4428



Tritanopia

56.0498, 56.5207, 68.9282

Trichromacy



Original Color

56.6062, 56.4177, 71.5246

Protanomaly

55.5589, 56.5283, 72.2728

Deuteranomaly

57.2200, 56.4049, 71.4897

Tritanomaly

56.1748, 56.5707, 69.5865

Monochromacy



Original Color

56.6062, 56.4177, 71.5246

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.5706, 57.3525, 65.8989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6062, 56.4177, 71.5246 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, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 194, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.6062, 56.4177, 71.5246 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, 194, 214) }
```


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

```
.border{ border-color:rgb(205, 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(205, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(205, 194,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6062, 56.4177, 71.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 194, 214) }
```

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

```
.background{ background-color: rgb(205,  
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](#).

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