

Converting Colors

XYZ(56.1773, 56.5555, 70.8820)

Have a look what the booklet for
XYZ(56.1773, 56.5555, 70.8820)
contains.

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Color

**XYZ(56.1539, 56.5308,
70.9027)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC3D5
RGB	203, 195, 213
RGB Percent	80%, 76%, 84%
CMY	0.2039, 0.2353, 0.1647
CMYK	0.05, 0.08, 0.00, 0.16
HSL	267°, 18%, 80%
HSV	267°, 8%, 84%
XYZ	56.1539, 56.5308, 70.9027
YIQ	199.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

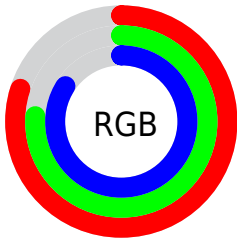
Format	Color
R _Y B	203, 195, 213
Decimal	13353941
CIE Lab	79.91, 6.12, -7.98
CIE LCh	80, 10.060, 307.494
Yxy	56.5308, 0.3059, 0.3079
Android (android.graphics.Color)	4291544021 (0xFFCBC3D5)
YUV	199.4440, 6.6831, 3.1186
Hunter-Lab	75.1870, 1.7368, -3.2807

Details

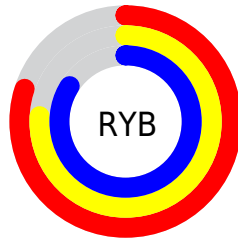
The XYZ color **56.1539, 56.5308, 70.9027** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8236, 64.5093, 60.9838**, and the grayscale version is **54.5202, 57.3595, 62.4645**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.0909, 27.9079, 36.2540** is the 20% darker color. If you saturate the color by 10%, you get **48.6170, 46.0601, 69.2798**, and if you desaturate by 10%, it is **64.6209, 68.4947, 72.7666**.

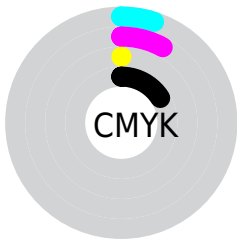
Distribution



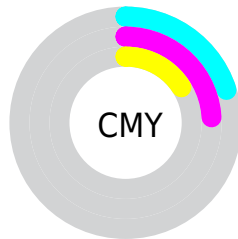
- Red (80%)
- Green (76%)
- Blue (84%)



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



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1539, 56.5308, 70.9027 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 56.1539, 56.5308, 70.9027 by changing the saturation by 10% instead.

■ 56.1539, 56.5308,
70.9027

■ 56.1539, 56.5308,
70.9027

400.3369,
411.6888, 482.5877

■ 40.5638, 40.6287,
51.7815

■ 98.3681, 99.7802,
122.1883

■ 28.1646, 28.0290,
36.4499

125.7229,
127.8963, 155.1898

■ 18.5908, 18.3476,
24.4894

157.7299,
160.8525, 193.6551

■ 11.4773, 11.1998,
15.4815

194.7546,
199.0332, 238.0027

■ 6.4585, 6.2014,
9.0076

237.1623,
242.8228, 288.6513

■ 3.1691, 2.9679,
4.6493

285.3183,

■ 1.2438, 1.1150,

292.6056, 346.0193

1.9879

339.5881,
348.7662, 410.5252

■ 0.1405, 0.0000,
0.5478

■ 0.0000, 0.0000,
0.0000

■ 56.1539, 56.5308,
70.9027

■ 56.1539, 56.5308,
70.9027

■ 48.6170, 46.0601,
69.2798

■ 64.6209, 68.4947,
72.7666

■ 41.9712, 37.0153,
67.8842

■ 74.0454, 82.0012,
74.8769

■ 36.1818, 29.3343,
66.7067

■ 83.2011, 94.5894,
76.8241

■ 31.2097, 22.9478,
65.7361

■ 87.3180, 96.7117,
77.0167

■ 27.0125, 17.7801,
64.9598

■ 89.0104, 97.5842,
77.0959

■ 23.5435, 13.7473,
64.3643

■ 20.7505, 10.7546,
63.9338

■ 18.5726, 8.6906,
63.6502

■ 16.9209, 7.3889,
63.4860

Harmonies

Analogous

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



54.2440, 56.5308, 73.3756



56.1539, 56.5308, 70.9027



57.4367, 56.5308, 65.9535

Triad

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



56.1539, 56.5308, 70.9027



55.2463, 56.5308, 51.7466



49.9349, 56.5308, 63.0292

Complementary

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



56.1539, 56.5308, 70.9027



58.8236, 64.5093, 60.9838

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.



50.1879, 56.5308, 57.3517



56.1539, 56.5308, 70.9027



53.2209, 56.5308, 51.0729

Square

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



56.1539, 56.5308, 70.9027



56.9035, 56.5308, 54.9648



51.3785, 56.5308, 53.0626



50.6783, 56.5308, 68.6465

Rectangle

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



56.1539, 56.5308, 70.9027



57.7456, 56.5308, 62.0450



51.3785, 56.5308, 53.0626



49.9066, 56.5308, 61.0625

Sweetspot

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



56.1556, 56.5332, 70.9039



91.1113, 94.4185, 108.0303



56.3972, 60.1666, 71.5925



19.2810, 19.8978, 23.0744



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.



56.1556, 56.5332, 70.9039



82.4257, 82.2067, 106.1309



58.6208, 57.8041, 71.0193



12.2612, 12.2760, 15.6608



10.3102, 4.4676, 38.7721



0.7162, 0.3181, 2.3430

Inverse Universe

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



57.9771, 57.5867, 65.8202



85.6768, 84.0873, 97.0397



56.4636, 63.2927, 60.8733



12.7092, 12.5352, 14.4089



18.8245, 9.4661, 11.6457



1.1768, 0.5875, 0.9203

Previews

White Background



This preview shows how the XYZ color 56.1539, 56.5308, 70.9027 looks on a white background.

Color Contrast Check

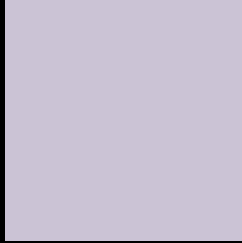
Large Text (above 18pt) WCAG AA × Fail

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 56.1539, 56.5308, 70.9027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

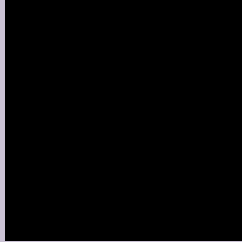
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1539, 56.5308, 70.9027

Background



This preview shows how black text looks on a background with the XYZ color 56.1539, 56.5308, 70.9027.



This preview shows how white text looks on a background with the XYZ color 56.1539, 56.5308,

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

56.1539, 56.5308, 70.9027

Protanopia

55.1298, 56.6579, 71.6487

Deuteranopia

57.5656, 56.2560, 71.4428



Tritanopia

55.9016, 56.4299, 69.5737

Trichromacy



Original Color

56.1539, 56.5308, 70.9027

Protanomaly

55.4307, 56.4770, 71.5980

Deuteranomaly

56.9397, 56.2604, 71.4766

Tritanomaly

56.0274, 56.4802, 70.2362

Monochromacy



Original Color

56.1539, 56.5308, 70.9027

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9126, 57.0272, 65.2399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1539, 56.5308, 70.9027 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, 195, 213) looks like.

```
.text, #text, p{  
    color:rgb(203, 195, 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(203, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.1539, 56.5308, 70.9027 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, 195, 213) }
```


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

```
.border{ border-color:rgb(203, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(203, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1539, 56.5308, 70.9027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 195, 213) }
```

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

```
.background{ background-color: rgb(203,  
195, 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](#).

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