

Converting Colors

XYZ(54.3689, 56.0215, 70.5662)

Have a look what the booklet for
XYZ(54.3689, 56.0215, 70.5662)
contains.

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Color

**XYZ(54.5151, 56.0197,
70.8904)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C4D5
RGB	196, 196, 213
RGB Percent	77%, 77%, 84%
CMY	0.2314, 0.2314, 0.1647
CMYK	0.08, 0.08, 0.00, 0.16
HSL	240°, 17%, 80%
HSV	240°, 8%, 84%
XYZ	54.5151, 56.0197, 70.8904
YIQ	197.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

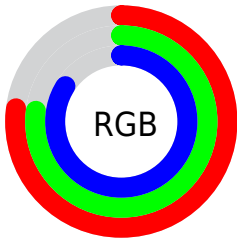
Format	Color
RYB	196, 196, 213
Decimal	12895445
CIELab	79.63, 3.25, -8.47
CIElCh	80, 9.075, 290.996
Yxy	56.0197, 0.3005, 0.3088
Android (android.graphics.Color)	4291085525 (0xFFC4C4D5)
YUV	197.9380, 7.4256, -1.6996
Hunter-Lab	74.8463, -0.9687, -3.7639

Details

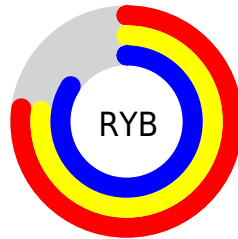
The XYZ color **54.5151, 56.0197, 70.8904** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1988, 65.7196, 61.6852**, and the grayscale version is **53.5989, 56.3902, 61.4090**.

A 20% lighter version of the original color is **93.6833, 98.3532, 108.6542**, and **26.9999, 27.5654, 36.2454** is the 20% darker color. If you saturate the color by 10%, you get **44.8959, 44.4300, 69.1612**, and if you desaturate by 10%, it is **65.6060, 69.3832, 72.8861**.

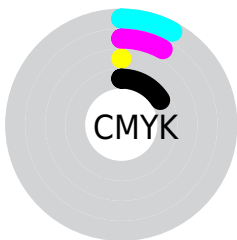
Distribution



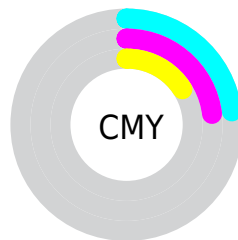
- Red (77%)
- Green (77%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5151, 56.0197, 70.8904 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 54.5151, 56.0197, 70.8904 by changing the saturation by 10% instead.

■ 54.5151, 56.0197,
70.8904

■ 54.5151, 56.0197,
70.8904

394.2376,
409.7657, 482.5435

■ 39.2459, 40.2187,
51.7715

■ 95.9826, 99.0334,
122.1707

■ 27.1327, 27.7091,
36.4420

122.9117,
127.0149, 155.1691

■ 17.8100, 18.1065,
24.4833

154.4581,
159.8253, 193.6310

■ 10.9125, 11.0265,
15.4770

190.9871,
197.8491, 237.9752

■ 6.0749, 6.0846,
9.0045

232.8643,
241.4707, 288.6199

■ 2.9318, 2.8966,
4.6473

280.4548,

■ 1.1178, 1.0780,

291.0744, 345.9839

1.9867

334.1242,
347.0446, 410.4856

■ 0.0399, 0.0000,
0.5471

■ 0.0000, 0.0000,
0.0000

■ 54.5151, 56.0197,
70.8904

■ 54.5151, 56.0197,
70.8904

■ 44.8959, 44.4300,
69.1612

■ 65.6060, 69.3832,
72.8861

■ 36.6819, 34.5330,
67.6838

■ 78.2216, 84.5833,
75.1551

■ 29.8089, 26.2516,
66.4476

■ 89.0104, 97.5842,
77.0959

■ 24.2056, 19.5001,
65.4398

■ 19.7945, 14.1848,
64.6463

■ 16.4891, 10.2019,
64.0517

■ 14.1918, 7.4335,
63.6385

■ 12.7876, 5.7412,
63.3858

■ 12.1113, 4.9260,
63.2641

Harmonies

Analogous

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



52.6966, 56.0197, 71.4942



54.5151, 56.0197, 70.8904



56.0250, 56.0197, 67.5569

Triad

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



54.5151, 56.0197, 70.8904



55.4892, 56.0197, 53.4991



49.8466, 56.0197, 59.4333

Complementary

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



54.5151, 56.0197, 70.8904



61.1988, 65.7196, 61.6852

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.



50.5586, 56.0197, 54.8741



54.5151, 56.0197, 70.8904



53.7973, 56.0197, 51.5793

Square

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



54.5151, 56.0197, 70.8904



56.5963, 56.0197, 57.4578



51.9949, 56.0197, 52.0678



50.0288, 56.0197, 64.6764

Rectangle

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



54.5151, 56.0197, 70.8904



56.6398, 56.0197, 64.3347



51.9949, 56.0197, 52.0678



49.9887, 56.0197, 57.7747

Sweetspot

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



54.5167, 56.0221, 70.8916



91.5933, 95.8351, 108.2783



58.5344, 64.1149, 72.0536



19.6409, 20.5563, 23.1825



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.



54.5167, 56.0221, 70.8916



78.6820, 80.2785, 105.9561



56.7124, 57.1530, 70.9942



11.7428, 12.0091, 15.6366



7.3367, 2.9352, 38.6330



0.4426, 0.1772, 2.3302

Inverse Universe

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



57.1456, 57.6127, 60.3357



83.6113, 83.2611, 86.1627



58.8761, 64.5233, 61.5767



12.4234, 12.4209, 12.9038



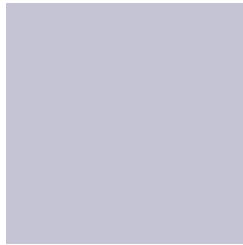
16.7621, 8.6412, 0.7853



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 54.5151, 56.0197, 70.8904 looks on a white background.

Color Contrast Check

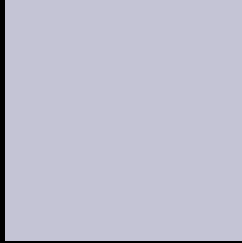
Large Text (above 18pt) WCAG AA × Fail

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 54.5151, 56.0197, 70.8904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

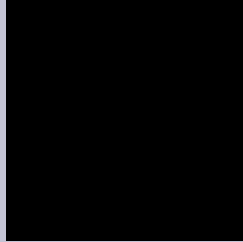
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5151, 56.0197, 70.8904

Background



This preview shows how black text looks on a background with the XYZ color 54.5151, 56.0197, 70.8904.

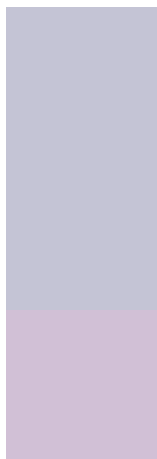


This preview shows how white text looks on a background with the XYZ color 54.5151, 56.0197,

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

54.5151, 56.0197, 70.8904

Protanopia

54.5151, 56.0197, 70.8904

Deuteranopia

57.2817, 56.1096, 71.4295



Tritanopia

54.3885, 55.9691, 70.2239

Trichromacy



Original Color

54.5151, 56.0197, 70.8904

Protanomaly

54.5151, 56.0197, 70.8904

Deuteranomaly

56.1094, 55.8323, 71.4378

Tritanomaly

54.3885, 55.9691, 70.2239

Monochromacy



Original Color

54.5151, 56.0197, 70.8904

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7717, 56.1146, 64.4970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5151, 56.0197, 70.8904 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(196, 196, 213)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 196, 213) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 54.5151, 56.0197, 70.8904 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(196, 196, 213) }
```


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

```
.border{ border-color:rgb(196, 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(196, 196, 213)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 54.5151, 56.0197, 70.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(196,  
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](#).

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