

Converting Colors

XYZ(54.6023, 56.0574, 71.2944)

Have a look what the booklet for
XYZ(54.6023, 56.0574, 71.2944)
contains.

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Color

**XYZ(54.6425, 56.0707,
71.5611)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C4D6
RGB	196, 196, 214
RGB Percent	77%, 77%, 84%
CMY	0.2314, 0.2314, 0.1608
CMYK	0.08, 0.08, 0.00, 0.16
HSL	240°, 18%, 80%
HSV	240°, 8%, 84%
XYZ	54.6425, 56.0707, 71.5611
YIQ	198.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

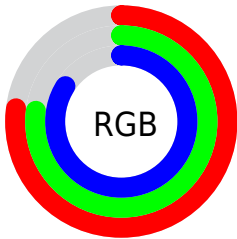
Format	Color
R _Y B	196, 196, 214
Decimal	12895446
CIE Lab	79.65, 3.45, -8.97
CIE LCh	80, 9.608, 291.043
Yxy	56.0707, 0.2998, 0.3076
Android (android.graphics.Color)	4291085526 (0xFFC4C4D6)
YUV	198.0520, 7.8624, -1.7996
Hunter-Lab	74.8804, -0.7837, -4.2456

Details

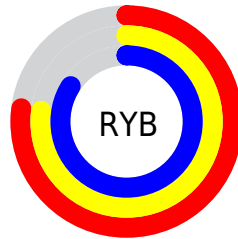
The XYZ color **54.6425, 56.0707, 71.5611** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7421, 66.3743, 61.7829**, and the grayscale version is **53.6658, 56.4606, 61.4855**.

A 20% lighter version of the original color is **93.6833, 98.3532, 108.6542**, and **27.0863, 27.6000, 36.7006** is the 20% darker color. If you saturate the color by 10%, you get **44.9815, 44.4306, 69.8244**, and if you desaturate by 10%, it is **65.7891, 69.5013, 73.5669**.

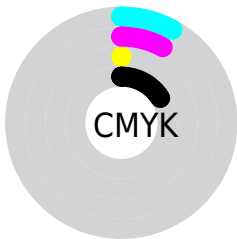
Distribution



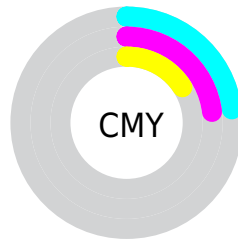
- Red (77%)
- Green (77%)
- Blue (84%)



- 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 54.6425, 56.0707, 71.5611 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 54.6425, 56.0707, 71.5611 by changing the saturation by 10% instead.

■ 54.6425, 56.0707,
71.5611

■ 54.6425, 56.0707,
71.5611

394.7138,
409.9579, 484.9489

■ 39.3483, 40.2596,
52.3156

■ 96.1683, 99.1079,
123.1342

■ 27.2127, 27.7410,
36.8727

123.1307,
127.1029, 156.2989

■ 17.8705, 18.1305,
24.8139

154.7131,
159.9279, 194.9404

■ 10.9561, 11.0437,
15.7207

191.2809,
197.9674, 239.4773

■ 6.1044, 6.0963,
9.1745

233.1996,
241.6057, 290.3280

■ 2.9499, 2.9037,
4.7568

280.8344,

■ 1.1273, 1.0817,

291.2273, 347.9112

2.0491

334.5507,
347.2166, 412.6453

■ 0.0478, 0.0000,
0.5852

■ 0.0000, 0.0000,
0.0000

■ 54.6425, 56.0707,
71.5611

■ 54.6425, 56.0707,
71.5611

■ 44.9815, 44.4306,
69.8244

■ 65.7891, 69.5013,
73.5669

■ 36.7386, 34.4988,
68.3418

■ 78.4749, 84.7862,
75.8485

■ 29.8486, 26.1970,
67.1025

■ 89.1378, 97.6351,
77.7666

■ 24.2394, 19.4382,
66.0936

■ 19.8319, 14.1273,
65.3008

■ 16.5384, 10.1587,
64.7084

■ 14.2595, 7.4125,
64.2984

■ 12.8778, 5.7473,
64.0498

■ 12.2176, 4.9516,
63.9310

Harmonies

Analogous

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



52.7156, 56.0707, 72.2094



54.6425, 56.0707, 71.5611



56.2435, 56.0707, 68.0088

Triad

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



54.6425, 56.0707, 71.5611



55.6705, 56.0707, 53.1245



49.6974, 56.0707, 59.4052

Complementary

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



54.6425, 56.0707, 71.5611



61.7421, 66.3743, 61.7829

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.



50.4486, 56.0707, 54.5856



54.6425, 56.0707, 71.5611



53.8757, 56.0707, 51.1065

Square

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



54.6425, 56.0707, 71.5611



56.8469, 56.0707, 57.2998



51.9669, 56.0707, 51.6247



49.8914, 56.0707, 64.9634

Rectangle

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



54.6425, 56.0707, 71.5611



56.8953, 56.0707, 64.5837



51.9669, 56.0707, 51.6247



49.8470, 56.0707, 57.6504

Sweetspot

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



54.6442, 56.0731, 71.5623



89.8996, 93.7944, 107.9737



58.9118, 64.6696, 72.7960



18.9551, 19.7299, 23.0592



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.



54.6442, 56.0731, 71.5623



78.6819, 80.2784, 105.9560



56.9727, 57.2725, 71.6711



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.



57.4366, 57.7627, 60.3494



83.6112, 83.2611, 86.1625



59.2710, 65.1015, 61.6675



12.4234, 12.4209, 12.9038



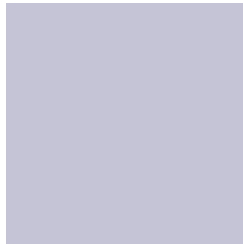
16.7621, 8.6412, 0.7852



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 54.6425, 56.0707, 71.5611 looks on a white background.

Color Contrast Check

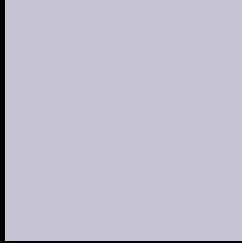
Large Text (above 18pt) WCAG AA × Fail

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 54.6425, 56.0707, 71.5611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

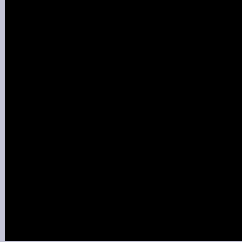
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6425, 56.0707, 71.5611

Background



This preview shows how black text looks on a background with the XYZ color 54.6425, 56.0707, 71.5611.



This preview shows how white text looks on a background with the XYZ color 54.6425, 56.0707,

71.5611.

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

54.6425, 56.0707, 71.5611

Protanopia

54.6425, 56.0707, 71.5611

Deuteranopia

57.1278, 56.0155, 72.0911



Tritanopia

54.3885, 55.9691, 70.2239

Trichromacy



Original Color

54.6425, 56.0707, 71.5611

Protanomaly

54.6425, 56.0707, 71.5611

Deuteranomaly

56.2375, 55.8836, 72.1126

Tritanomaly

54.5151, 56.0197, 70.8904

Monochromacy



Original Color

54.6425, 56.0707, 71.5611

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8913, 56.1625, 65.1268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6425, 56.0707, 71.5611 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 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(196, 196, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.6425, 56.0707, 71.5611 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, 214) }
```


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

```
.border{ border-color:rgb(196, 196, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6425, 56.0707, 71.5611 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, 214) }
```

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

```
.background{ background-color: rgb(196,  
196, 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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