

Converting Colors

XYZ(54.9679, 56.3536, 66.3727)

Have a look what the booklet for
XYZ(54.9679, 56.3536, 66.3727)
contains.

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Color

**XYZ(54.9679, 56.3536,
66.3727)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C4CE
RGB	201, 196, 206
RGB Percent	79%, 77%, 81%
CMY	0.2118, 0.2314, 0.1922
CMYK	0.02, 0.05, 0.00, 0.19
HSL	270°, 9%, 79%
HSV	270°, 5%, 81%
XYZ	54.9679, 56.3536, 66.3727
YIQ	198.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

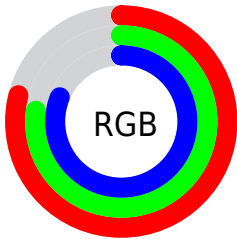
Format	Color
R _Y B	201, 196, 206
Decimal	13223118
CIE Lab	79.81, 3.58, -4.38
CIE LCh	80, 5.659, 309.259
Yxy	56.3536, 0.3093, 0.3171
Android (android.graphics.Color)	4291413198 (0xFFC9C4CE)
YUV	198.6350, 3.6309, 2.0741
Hunter-Lab	75.0690, -0.6675, 0.1267

Details

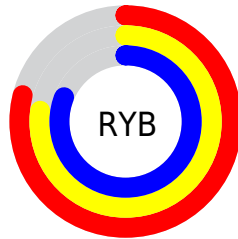
The XYZ color **54.9679, 56.3536, 66.3727** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1246, 60.5471, 60.9561**, and the grayscale version is **54.0432, 56.8576, 61.9180**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.3731, 27.8160, 33.6321** is the 20% darker color. If you saturate the color by 10%, you get **47.9596, 46.3113, 64.8046**, and if you desaturate by 10%, it is **62.8032, 67.7725, 68.1647**.

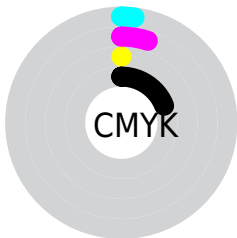
Distribution



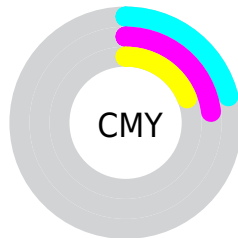
- Red (79%)
- Green (77%)
- Blue (81%)



- Red (79%)
- Yellow (77%)
- Blue (81%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9679, 56.3536, 66.3727 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 54.9679, 56.3536, 66.3727 by changing the saturation by 10% instead.

■ 54.9679, 56.3536,
66.3727

■ 54.9679, 56.3536,
66.3727

■ 395.9286,
411.0227, 466.1492

■ 39.6098, 40.4865,
48.1166

■ 96.6425, 99.5214,
115.6532

■ 27.4173, 27.9181,
33.5586

■ 123.6897,
127.5909, 147.5147

■ 18.0251, 18.2639,
22.2801

■ 155.3640,
160.4966, 184.7484

■ 11.0678, 11.1396,
13.8626

■ 192.0306,
198.6230, 227.7729

■ 6.1801, 6.1608,
7.8875

■ 234.0551,
242.3544, 277.0066

■ 2.9966, 2.9431,
3.9363

■ 281.8027,

■ 1.1520, 1.1021,

292.0752, 332.8683

1.5905

335.6387,
348.1698, 395.7762

■ 0.0679, 0.0000,
0.2840

■ 0.0000, 0.0000,
0.0000

■ 54.9679, 56.3536,
66.3727

■ 54.9679, 56.3536,
66.3727

■ 47.9596, 46.3113,
64.8046

■ 62.8032, 67.7725,
68.1647

■ 41.7440, 37.5847,
63.4478

■ 71.4886, 80.6112,
70.1850

■ 36.2915, 30.1193,
62.2942

■ 80.1507, 93.1173,
72.1424

■ 31.5684, 23.8536,
61.3337

■ 83.5924, 94.8915,
72.3034

■ 27.5386, 18.7210,
60.5554

■ 87.2335, 96.7686,
72.4738

■ 24.1621, 14.6481,
59.9472

■ 88.1407, 97.2363,
72.5163

■ 21.3948, 11.5524,
59.4955

■ 19.1856, 9.3389,
59.1847

■ 17.4734, 7.8919,
58.9957

Harmonies

Analogous

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



53.9175, 56.3536, 67.7960



54.9679, 56.3536, 66.3727



55.6480, 56.3536, 63.6198

Triad

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



54.9679, 56.3536, 66.3727



54.3459, 56.3536, 55.6492



51.4185, 56.3536, 62.3797

Complementary

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



54.9679, 56.3536, 66.3727



56.1246, 60.5471, 60.9561

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.



51.5296, 56.3536, 59.1533



54.9679, 56.3536, 66.3727



53.2089, 56.3536, 55.3439

Square

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



54.9679, 56.3536, 66.3727



55.2854, 56.3536, 57.4548



52.1811, 56.3536, 56.6053



51.8756, 56.3536, 65.4371

Rectangle

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



54.9679, 56.3536, 66.3727



55.7943, 56.3536, 61.4411



52.1811, 56.3536, 56.6053



51.3908, 56.3536, 61.2780

Sweetspot

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



54.9695, 56.3560, 66.3739



93.7742, 98.1427, 108.6087



54.8331, 58.0451, 66.7072



20.0850, 21.0262, 23.2498



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.



54.9695, 56.3560, 66.3739



87.6023, 89.2011, 107.2081



56.2895, 57.0365, 66.4357



11.5613, 11.7391, 14.2269



10.4140, 4.5761, 36.2907



0.6248, 0.2812, 1.8763

Inverse Universe

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



55.7381, 56.8213, 63.2911



89.1548, 90.1409, 100.9810



54.8455, 59.8877, 60.8962



11.7841, 11.8740, 13.3331



17.2310, 8.7030, 8.9353



0.9272, 0.4643, 0.6627

Previews

White Background



This preview shows how the XYZ color 54.9679, 56.3536, 66.3727 looks on a white background.

Color Contrast Check

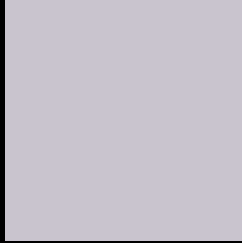
Large Text (above 18pt) WCAG AA × Fail

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 54.9679, 56.3536, 66.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

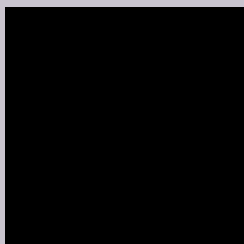
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9679, 56.3536, 66.3727

Background



This preview shows how black text looks on a background with the XYZ color 54.9679, 56.3536, 66.3727.

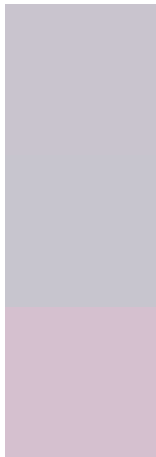


This preview shows how white text looks on a background with the XYZ color 54.9679, 56.3536,

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

54.9679, 56.3536, 66.3727

Protanopia

54.6600, 56.5308, 66.4232

Deuteranopia

57.5527, 56.3504, 66.8748



Tritanopia

55.6301, 56.2899, 69.5610

Trichromacy



Original Color

54.9679, 56.3536, 66.3727

Protanomaly

54.9262, 56.6681, 66.4356

Deuteranomaly

56.6269, 56.2002, 66.8947

Tritanomaly

55.3809, 56.1902, 68.2485

Monochromacy



Original Color

54.9679, 56.3536, 66.3727

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6742, 56.9318, 63.9844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9679, 56.3536, 66.3727 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(201, 196, 206) looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 206)  
}
```

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(201, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 206) }
```

Border

The CSS property to change the border of an element to XYZ 54.9679, 56.3536, 66.3727 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(201, 196, 206) }
```


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

```
.border{ border-color:rgb(201, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9679, 56.3536, 66.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 206) }
```

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

```
.background{ background-color: rgb(201,  
196, 206) }
```

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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