

Converting Colors

XYZ(54.3786, 56.1767, 65.5736)

Have a look what the booklet for
XYZ(54.3786, 56.1767, 65.5736)
contains.

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Color

**XYZ(54.3126, 56.0297,
65.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4CD
RGB	199, 196, 205
RGB Percent	78%, 77%, 80%
CMY	0.2196, 0.2314, 0.1961
CMYK	0.03, 0.04, 0.00, 0.20
HSL	260°, 8%, 79%
HSV	260°, 4%, 80%
XYZ	54.3126, 56.0297, 65.7099
YIQ	197.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

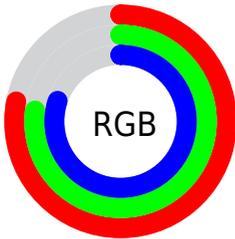
Format	Color
R_{YB}	199, 196, 205
Decimal	13092045
CIE Lab	79.63, 2.71, -4.13
CIE LCh	80, 4.943, 303.275
Yxy	56.0297, 0.3085, 0.3183
Android (android.graphics.Color)	4291282125 (0xFFC7C4CD)
YUV	197.9230, 3.4890, 0.9445
Hunter-Lab	74.8530, -1.4749, 0.3492

Details

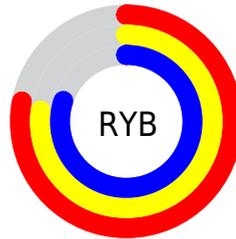
The XYZ color **54.3126, 56.0297, 65.7099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1542, 60.2062, 60.8886**, and the grayscale version is **53.6111, 56.4030, 61.4229**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **26.9360, 27.6001, 33.1858** is the 20% darker color. If you saturate the color by 10%, you get **46.5355, 45.6200, 64.1114**, and if you desaturate by 10%, it is **63.0506, 67.8758, 67.5367**.

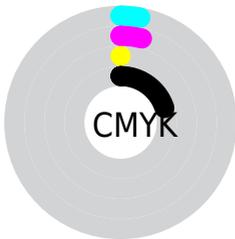
Distribution



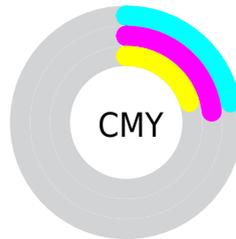
- Red (78%)
- Green (77%)
- Blue (80%)



- Red (78%)
- Yellow (77%)
- Blue (80%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3126, 56.0297, 65.7099 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 54.3126, 56.0297, 65.7099 by changing the saturation by 10% instead.

■ 54.3126, 56.0297,
65.7099

■ 54.3126, 56.0297,
65.7099

393.4799,
409.8034, 463.7145

■ 39.0833, 40.2267,
47.5819

95.6873, 99.0480,
114.6929

■ 27.0056, 27.7154,
33.1383

122.5634,
127.0321, 146.3850

■ 17.7140, 18.1112,
21.9604

154.0524,
159.8454, 183.4356

■ 10.8433, 11.0299,
13.6298

190.5198,
197.8723, 226.2632

■ 6.0281, 6.0869,
7.7278

232.3309,
241.4971, 275.2864

■ 2.9030, 2.8980,
3.8360

279.8511,

■ 1.1027, 1.0787,

291.1043, 330.9236

1.5358

333.4456,
347.0783, 393.5935

■ 0.0273, 0.0000,
0.2444

■ 0.0000, 0.0000,
0.0000

■ 54.3126, 56.0297,
65.7099

■ 54.3126, 56.0297,
65.7099

■ 46.5355, 45.6200,
64.1114

■ 63.0506, 67.8758,
67.5367

■ 39.6804, 36.5842,
62.7286

■ 72.7770, 81.2033,
69.5966

■ 33.7130, 28.8658,
61.5533

■ 82.7196, 94.4556,
71.6305

■ 28.5947, 22.4014,
60.5753

■ 87.5374, 96.9393,
71.8559

■ 24.2840, 17.1225,
59.7836

■ 88.0196, 97.1878,
71.8785

■ 20.7354, 12.9537,
59.1660

■ 17.8989, 9.8107,
58.7088

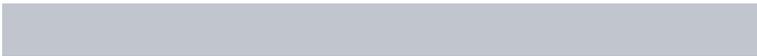
■ 15.7173, 7.5965,
58.3964

■ 14.1228, 6.1940,
58.2097

Harmonies

Analogous

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



53.3641, 56.0297, 66.6502



54.3126, 56.0297, 65.7099



54.9841, 56.0297, 63.5077

Triad

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



54.3126, 56.0297, 65.7099



54.1208, 56.0297, 56.2363



51.3647, 56.0297, 61.3208

Complementary

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



54.3126, 56.0297, 65.7099



56.1542, 60.2062, 60.8886

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.



51.5617, 56.0297, 58.5725



54.3126, 56.0297, 65.7099



53.1452, 56.0297, 55.6914

Square

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



54.3126, 56.0297, 65.7099



54.8724, 56.0297, 58.0457



52.2103, 56.0297, 56.5337



51.6689, 56.0297, 64.0669

Rectangle

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



54.3126, 56.0297, 65.7099



55.1799, 56.0297, 61.6516



52.2103, 56.0297, 56.5337



51.3745, 56.0297, 60.3666

Sweetspot

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



54.3142, 56.0321, 65.7111



93.6190, 98.0627, 108.6015



54.9421, 58.4568, 66.1461



20.0534, 21.0099, 23.2483



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.



54.3142, 56.0321, 65.7111



88.0574, 90.5561, 107.4457



55.4851, 56.6357, 65.7659



11.5984, 11.8953, 14.2551



8.4475, 3.5624, 36.1986



0.5161, 0.2252, 1.8712

Inverse Universe

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



55.5794, 56.7257, 63.8995



90.4402, 91.8626, 104.0269



54.9936, 59.6079, 60.8342



11.9498, 12.0880, 13.7501



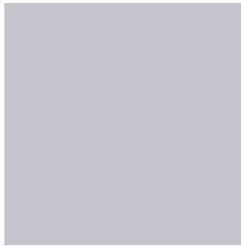
18.5171, 9.2174, 15.7075



0.9896, 0.4892, 0.9909

Previews

White Background



This preview shows how the XYZ color 54.3126, 56.0297, 65.7099 looks on a white background.

Color Contrast Check

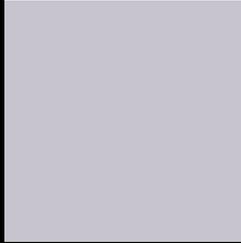
Large Text (above 18pt) WCAG AA × Fail

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 54.3126, 56.0297, 65.7099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

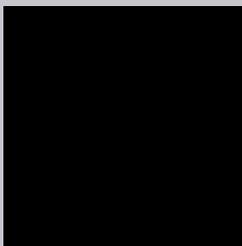
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

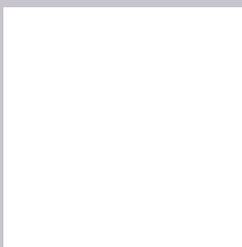
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3126, 56.0297, 65.7099

Background



This preview shows how black text looks on a background with the XYZ color 54.3126, 56.0297, 65.7099.



This preview shows how white text looks on a background with the XYZ color 54.3126, 56.0297,

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

54.3126, 56.0297, 65.7099

Protanopia

54.0481, 55.8934, 65.6975

Deuteranopia

56.9228, 55.7149, 66.1464



Tritanopia

55.0924, 56.0127, 69.5359

Trichromacy



Original Color

54.3126, 56.0297, 65.7099

Protanomaly

54.0481, 55.8934, 65.6975

Deuteranomaly

55.9427, 55.8616, 66.2264

Tritanomaly

54.8431, 55.9130, 68.2233

Monochromacy



Original Color

54.3126, 56.0297, 65.7099

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7976, 56.1553, 63.2620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3126, 56.0297, 65.7099 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(199, 196, 205) looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 205)  
}
```

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(199, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 205) }
```

Border

The CSS property to change the border of an element to XYZ 54.3126, 56.0297, 65.7099 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(199, 196, 205) }
```


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

```
.border{ border-color:rgb(199, 196, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3126, 56.0297, 65.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 205) }
```

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

```
.background{ background-color: rgb(199,  
196, 205) }
```

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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