

Converting Colors

XYZ(54.8644, 56.2747, 68.7232)

Have a look what the booklet for
XYZ(54.8644, 56.2747, 68.7232)
contains.

XYZ(54.9260, 56.2751, 68.9400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.9260, 56.2751,
68.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4D2
RGB	199, 196, 210
RGB Percent	78%, 77%, 82%
CMY	0.2196, 0.2314, 0.1765
CMYK	0.05, 0.07, 0.00, 0.18
HSL	253°, 13%, 80%
HSV	253°, 7%, 82%
XYZ	54.9260, 56.2751, 68.9400
YIQ	198.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

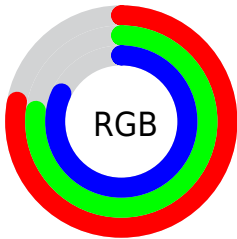
Format	Color
R_{YB}	199, 196, 210
Decimal	13092050
CIE _{Lab}	79.77, 3.67, -6.62
CIE _{LCh}	80, 7.566, 298.994
Yxy	56.2751, 0.3049, 0.3124
Android (android.graphics.Color)	4291282130 (0xFFC7C4D2)
YUV	198.4930, 5.6730, 0.4446
Hunter-Lab	75.0167, -0.5846, -1.9755

Details

The XYZ color **54.9260, 56.2751, 68.9400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7445, 63.3455, 61.3580**, and the grayscale version is **53.9456, 56.7550, 61.8062**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.3508, 27.7660, 35.3703** is the 20% darker color. If you saturate the color by 10%, you get **46.3732, 45.3208, 67.2772**, and if you desaturate by 10%, it is **64.6200, 68.8050, 70.8484**.

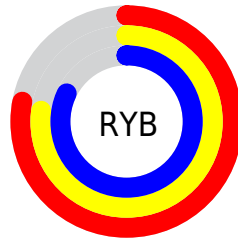
Distribution



Red (78%)

Green (77%)

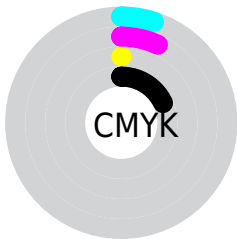
Blue (82%)



Red (78%)

Yellow (77%)

Blue (82%)

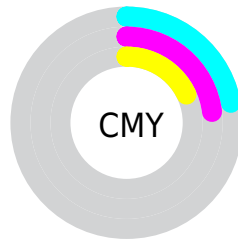


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9260, 56.2751, 68.9400 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 54.9260, 56.2751, 68.9400 by changing the saturation by 10% instead.

■ 54.9260, 56.2751,
68.9400

■ 54.9260, 56.2751,
68.9400

395.7723,
410.7274, 475.5075

■ 39.5761, 40.4235,
50.1914

96.5815, 99.4067,
119.3628

■ 27.3909, 27.8689,
35.1933

123.6178,
127.4555, 151.8740

■ 18.0051, 18.2269,
23.5270

155.2802,
160.3388, 189.8099

■ 11.0534, 11.1130,
14.7742

191.9342,
198.4411, 233.5889

■ 6.1703, 6.1429,
8.5162

233.9450,
242.1467, 283.6297

■ 2.9906, 2.9322,
4.3345

281.6781,

■ 1.1488, 1.0964,

291.8400, 340.3506

1.8106

335.4987,
347.9055, 404.1704

■ 0.0653, 0.0000,
0.4349

■ 0.0000, 0.0000,
0.0000

■ 54.9260, 56.2751,
68.9400

■ 54.9260, 56.2751,
68.9400

■ 46.3732, 45.3208,
67.2772

■ 64.6200, 68.8050,
70.8484

■ 38.9142, 35.8723,
65.8466

■ 75.4904, 82.9623,
73.0081

■ 32.5055, 27.8654,
64.6389

■ 86.2860, 96.2233,
74.9988

■ 27.0987, 21.2281,
63.6428

■ 88.6330, 97.4332,
75.1086

■ 22.6416, 15.8824,
62.8459

■ 19.0770, 11.7423,
62.2346

■ 16.3412, 8.7110,
61.7937

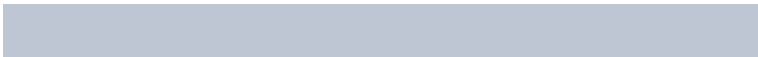
■ 14.3614, 6.6763,
61.5053

■ 13.0478, 5.4954,
61.3466

Harmonies

Analogous

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



53.4362, 56.2751, 70.0868



54.9260, 56.2751, 68.9400



56.0483, 56.2751, 65.7158

Triad

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



54.9260, 56.2751, 68.9400



55.0170, 56.2751, 54.3348



50.6009, 56.2751, 61.1263

Complementary

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



54.9260, 56.2751, 68.9400



58.7445, 63.3455, 61.3580

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.



51.0065, 56.2751, 57.0370



54.9260, 56.2751, 68.9400



53.5394, 56.2751, 53.2328

Square

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



54.9260, 56.2751, 68.9400



56.1015, 56.2751, 57.2815



52.0749, 56.2751, 54.1985



50.9565, 56.2751, 65.4479

Rectangle

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



54.9260, 56.2751, 68.9400



56.4268, 56.2751, 62.8960



52.0749, 56.2751, 54.1985



50.6526, 56.2751, 59.6802

Sweetspot

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



54.9276, 56.2775, 68.9412



91.9854, 96.0368, 108.2966



56.7609, 61.1131, 69.7780



19.7208, 20.5974, 23.1862



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.



54.9276, 56.2775, 68.9412



83.2299, 84.7531, 106.5800



56.7727, 57.2287, 69.0276



11.3970, 11.5379, 14.8700



7.8248, 3.2141, 37.4005



0.5061, 0.2151, 2.0944

Inverse Universe

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



57.5826, 57.6889, 67.1342



88.1885, 87.3897, 103.1825



56.8851, 62.3870, 61.2710



12.1979, 11.9639, 14.3178



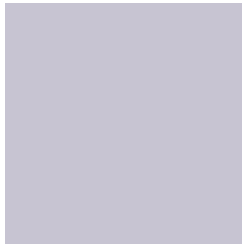
20.3951, 10.0309, 22.7848



1.1681, 0.5719, 1.4198

Previews

White Background



This preview shows how the XYZ color 54.9260, 56.2751, 68.9400 looks on a white background.

Color Contrast Check

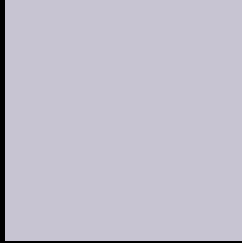
Large Text (above 18pt) WCAG AA × Fail

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 54.9260, 56.2751, 68.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

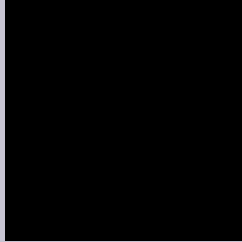
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9260, 56.2751, 68.9400

Background



This preview shows how black text looks on a background with the XYZ color 54.9260, 56.2751, 68.9400.

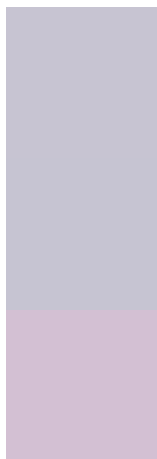


This preview shows how white text looks on a background with the XYZ color 54.9260, 56.2751,

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

54.9260, 56.2751, 68.9400

Protanopia

54.6615, 56.1388, 68.9277

Deuteranopia

57.4715, 56.2513, 69.4565



Tritanopia

55.0510, 56.3251, 69.5984

Trichromacy



Original Color

54.9260, 56.2751, 68.9400

Protanomaly

54.6615, 56.1388, 68.9277

Deuteranomaly

56.5600, 56.1085, 69.4770

Tritanomaly

55.0510, 56.3251, 69.5984

Monochromacy



Original Color

54.9260, 56.2751, 68.9400

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9156, 56.2025, 63.8836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9260, 56.2751, 68.9400 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 210) }
```

Border

The CSS property to change the border of an element to XYZ 54.9260, 56.2751, 68.9400 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, 210) }
```


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

```
.border{ border-color:rgb(199, 196, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 210);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9260, 56.2751, 68.9400 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, 210) }
```

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

```
.background{ background-color: rgb(199,  
196, 210) }
```

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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