

Converting Colors

XYZ(56.4928, 56.6032, 75.8942)

Have a look what the booklet for
XYZ(56.4928, 56.6032, 75.8942)
contains.

XYZ(56.5208, 56.6150, 75.6590)	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(56.5208, 56.6150,
75.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C3DC
RGB	201, 195, 220
RGB Percent	79%, 76%, 86%
CMY	0.2118, 0.2353, 0.1372
CMYK	0.09, 0.11, 0.00, 0.14
HSL	254°, 26%, 81%
HSV	254°, 11%, 86%
XYZ	56.5208, 56.6150, 75.6590
YIQ	199.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

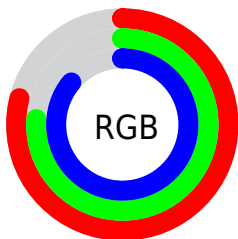
Format	Color
R_{YB}	201, 195, 220
Decimal	13222876
CIE _{Lab}	79.96, 6.83, -11.69
CIE _{LCh}	80, 13.542, 300.291
Yxy	56.6150, 0.2994, 0.2999
Android (android.graphics.Color)	4291412956 (0xFFC9C3DC)
YUV	199.6440, 10.0355, 1.1892
Hunter-Lab	75.2429, 2.4100, -6.9478

Details

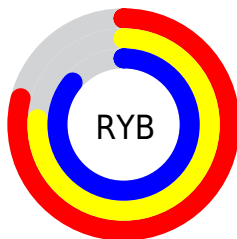
The XYZ color **56.5208, 56.6150, 75.6590** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1770, 69.4241, 61.7028**, and the grayscale version is **54.6245, 57.4692, 62.5840**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.3490, 27.9694, 39.5018** is the 20% darker color. If you saturate the color by 10%, you get **47.6973, 45.2812, 73.9373**, and if you desaturate by 10%, it is **66.5633, 69.6583, 77.6482**.

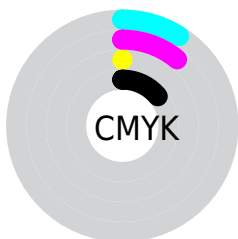
Distribution



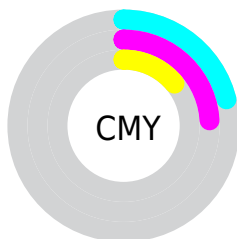
- Red (79%)
- Green (76%)
- Blue (86%)



- Red (79%)
- Yellow (76%)
- Blue (86%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5208, 56.6150, 75.6590 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 56.5208, 56.6150, 75.6590 by changing the saturation by 10% instead.

■ 56.5208, 56.6150,
75.6590

■ 56.5208, 56.6150,
75.6590

401.6945,
412.0051, 499.4953

■ 40.8593, 40.6962,
55.6480

■ 98.9010, 99.9032,
129.0004

■ 28.3963, 28.0818,
39.5186

126.3505,
128.0414, 163.1679

■ 18.7666, 18.3873,
26.8525

158.4599,
161.0216, 202.8913

■ 11.6048, 11.2284,
17.2310

195.5947,
199.2280, 248.5891

■ 6.5454, 6.2207,
10.2356

238.1202,
243.0452, 300.6798

■ 3.2233, 2.9797,
5.4478

286.4017,

■ 1.2729, 1.1212,

292.8575, 359.5821

2.4490

340.8047,
349.0494, 425.7144

■ 0.1628, 0.0000,
0.8130

■ 0.0000, 0.0000,
0.0000

■ 56.5208, 56.6150,
75.6590

■ 56.5208, 56.6150,
75.6590

■ 47.6973, 45.2812,
73.9373

■ 66.5633, 69.6583,
77.6482

■ 40.0404, 35.5784,
72.4680

■ 77.8644, 84.4710,
79.9117

■ 33.5015, 27.4327,
71.2404

■ 88.5222, 97.2276,
81.8122

■ 28.0265, 20.7614,
70.2413

■ 89.9184, 97.9474,
81.8776

■ 23.5564, 15.4742,
69.4563

■ 20.0264, 11.4706,
68.8696

■ 17.3632, 8.6360,
68.4628

■ 15.4818, 6.8346,
68.2143

■ 14.3754, 5.9185,
68.0958

Harmonies

Analogous

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



53.8377, 56.6150, 78.0523



56.5208, 56.6150, 75.6590



58.5329, 56.6150, 69.4539

Triad

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



56.5208, 56.6150, 75.6590



56.4728, 56.6150, 49.4102



48.6971, 56.6150, 61.7209

Complementary

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



56.5208, 56.6150, 75.6590



63.1770, 69.4241, 61.7028

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.



49.3499, 56.6150, 54.4429



56.5208, 56.6150, 75.6590



53.7841, 56.6150, 47.7134

Square

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



56.5208, 56.6150, 75.6590



58.5046, 56.6150, 54.3206



51.1890, 56.6150, 49.4765



49.3752, 56.6150, 69.5979

Rectangle

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



56.5208, 56.6150, 75.6590



59.1901, 56.6150, 64.2322



51.1890, 56.6150, 49.4765



48.7678, 56.6150, 59.1265

Sweetspot

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



56.5225, 56.6174, 75.6602



90.5510, 94.1296, 108.0040



59.5146, 64.9487, 77.1106



19.1301, 19.8200, 23.0673



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.



56.5225, 56.6174, 75.6602



75.4121, 74.5117, 105.0153



59.9726, 58.3960, 75.8217



12.6298, 12.7673, 16.4508



8.5203, 3.5166, 39.9681



0.6294, 0.2677, 2.5929

Inverse Universe

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



61.1698, 59.1033, 71.8050



83.3512, 78.7602, 98.3480



59.7124, 67.6380, 61.5407



13.4738, 13.2186, 15.7565



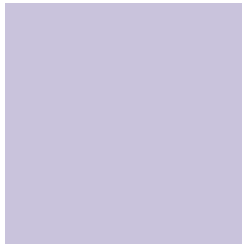
21.4731, 10.5903, 22.6690



1.4239, 0.6992, 1.6412

Previews

White Background



This preview shows how the XYZ color 56.5208, 56.6150, 75.6590 looks on a white background.

Color Contrast Check

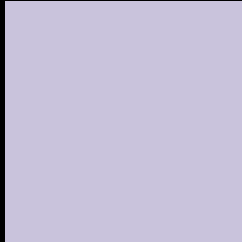
Large Text (above 18pt) WCAG AA × Fail

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 56.5208, 56.6150, 75.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

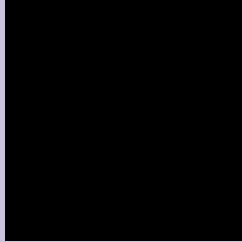
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5208, 56.6150, 75.6590

Background



This preview shows how black text looks on a background with the XYZ color 56.5208, 56.6150, 75.6590.



This preview shows how white text looks on a background with the XYZ color 56.5208, 56.6150,

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

56.5208, 56.6150, 75.6590

Protanopia

55.5231, 56.7551, 76.4351

Deuteranopia

57.7204, 56.5726, 75.5876



Tritanopia

55.4430, 56.5127, 70.2732

Trichromacy



Original Color

56.5208, 56.6150, 75.6590

Protanomaly

55.8170, 56.5706, 76.3840

Deuteranomaly

57.3869, 56.7300, 75.6355

Tritanomaly

55.8251, 56.6655, 72.2852

Monochromacy



Original Color

56.5208, 56.6150, 75.6590

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2760, 57.1725, 67.1535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5208, 56.6150, 75.6590 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, 195, 220)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 220)  
}
```

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, 195, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 220) }
```

Border

The CSS property to change the border of an element to XYZ 56.5208, 56.6150, 75.6590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

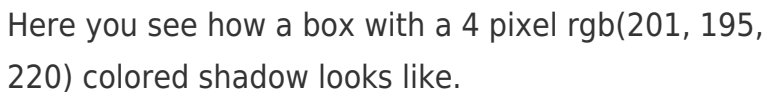
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 195, 220) }
```


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

```
.border{ border-color:rgb(201, 195, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 195, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 195, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 195, 220); box-shadow:4px 4px 4px 4px rgb(201, 195, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5208, 56.6150, 75.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 220) }
```

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

```
.background{ background-color: rgb(201,  
195, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor