

Converting Colors

XYZ(55.3172, 56.4624, 69.6108)

Have a look what the booklet for
XYZ(55.3172, 56.4624, 69.6108)
contains.

XYZ(55.3172, 56.4624, 69.6108)	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(55.3172, 56.4624,
69.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C4D3
RGB	200, 196, 211
RGB Percent	78%, 77%, 83%
CMY	0.2157, 0.2314, 0.1725
CMYK	0.05, 0.07, 0.00, 0.17
HSL	256°, 15%, 80%
HSV	256°, 7%, 83%
XYZ	55.3172, 56.4624, 69.6108
YIQ	198.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

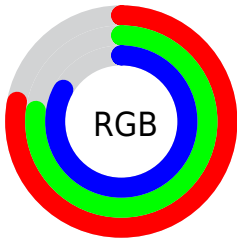
Format	Color
R _Y B	200, 196, 211
Decimal	13157587
CIE Lab	79.88, 4.20, -6.99
CIE LCh	80, 8.152, 300.978
Yxy	56.4624, 0.3050, 0.3113
Android (android.graphics.Color)	4291347667 (0xFFC8C4D3)
YUV	198.9060, 5.9623, 0.9594
Hunter-Lab	75.1415, -0.0905, -2.3270

Details

The XYZ color **55.3172, 56.4624, 69.6108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9924, 63.8410, 61.4407**, and the grayscale version is **54.1958, 57.0182, 62.0928**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.6129, 27.8913, 35.8265** is the 20% darker color. If you saturate the color by 10%, you get **46.9625, 45.5813, 67.9517**, and if you desaturate by 10%, it is **64.7629, 68.9026, 71.5150**.

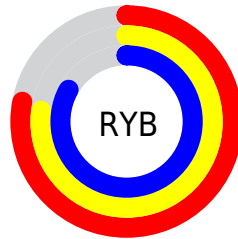
Distribution



Red (78%)

Green (77%)

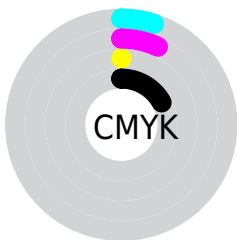
Blue (83%)



Red (78%)

Yellow (77%)

Blue (83%)

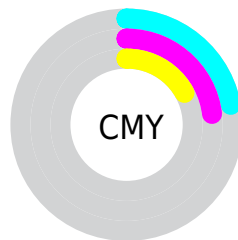


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (17%)



Cyan (22%)

Magenta (23%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3172, 56.4624, 69.6108 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 55.3172, 56.4624, 69.6108 by changing the saturation by 10% instead.

■ 55.3172, 56.4624,
69.6108

■ 55.3172, 56.4624,
69.6108

397.2301,
411.4318, 477.9344

■ 39.8906, 40.5738,
50.7345

97.1512, 99.6803,
120.3295

■ 27.6371, 27.9862,
35.6221

124.2892,
127.7784, 153.0089

■ 18.1913, 18.3153,
23.8551

156.0618,
160.7152, 191.1264

■ 11.1880, 11.1766,
15.0149

192.8343,
198.8749, 235.1005

■ 6.2616, 6.1857,
8.6831

234.9720,
242.6420, 285.3499

■ 3.0470, 2.9583,
4.4411

282.8403,

■ 1.1787, 1.1100,

292.4009, 342.2930

1.8703

336.8045,
348.5361, 406.3483

■ 0.0894, 0.0000,
0.4737

■ 0.0000, 0.0000,
0.0000

■ 55.3172, 56.4624,
69.6108

■ 55.3172, 56.4624,
69.6108

■ 46.9625, 45.5813,
67.9517

■ 64.7629, 68.9026,
71.5150

■ 39.6538, 36.1902,
66.5243

■ 75.3328, 82.9532,
73.6700

■ 33.3500, 28.2254,
65.3192

■ 85.6758, 95.8943,
75.6227

■ 28.0054, 21.6157,
64.3251

■ 88.7580, 97.4832,
75.7670

■ 23.5706, 16.2837,
63.5296

■ 19.9914, 12.1438,
62.9192

■ 17.2075, 9.1001,
62.4784

■ 15.1500, 7.0406,
62.1893

■ 13.7309, 5.8186,
62.0283

Harmonies

Analogous

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



53.7201, 56.4624, 71.0283



55.3172, 56.4624, 69.6108



56.4912, 56.4624, 65.9972

Triad

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



55.3172, 56.4624, 69.6108



55.2214, 56.4624, 53.8623



50.5525, 56.4624, 61.6334

Complementary

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



55.3172, 56.4624, 69.6108



58.9924, 63.8410, 61.4407

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.



50.9362, 56.4624, 57.1699



55.3172, 56.4624, 69.6108



53.6116, 56.4624, 52.8245

Square

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



55.3172, 56.4624, 69.6108



56.4351, 56.4624, 56.9141



52.0476, 56.4624, 54.0046



50.9886, 56.4624, 66.2795

Rectangle

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



55.3172, 56.4624, 69.6108



56.8640, 56.4624, 62.9153



52.0476, 56.4624, 54.0046



50.5898, 56.4624, 60.0626

Sweetspot

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



55.3188, 56.4648, 69.6120



92.0816, 96.0865, 108.3011



56.8982, 61.1876, 70.4404



19.7404, 20.6075, 23.1872



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.



55.3188, 56.4648, 69.6120



82.2364, 83.1673, 106.3263



57.3017, 57.4870, 69.7048



11.4550, 11.5679, 14.8727



8.1716, 3.3929, 37.4167



0.5331, 0.2290, 2.0957

Inverse Universe

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



57.8684, 57.8363, 67.1480



87.1914, 85.8337, 101.4996



57.0127, 62.8204, 61.3481



12.1707, 11.9530, 14.1747



19.8156, 9.7991, 19.7331



1.1399, 0.5607, 1.2715

Previews

White Background



This preview shows how the XYZ color 55.3172, 56.4624, 69.6108 looks on a white background.

Color Contrast Check

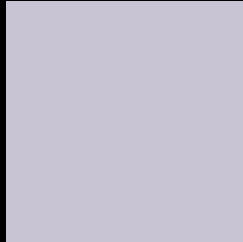
Large Text (above 18pt) WCAG AA × Fail

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 55.3172, 56.4624, 69.6108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

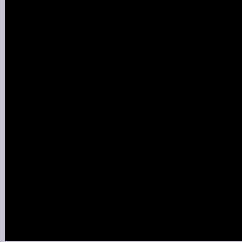
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3172, 56.4624, 69.6108

Background



This preview shows how black text looks on a background with the XYZ color 55.3172, 56.4624, 69.6108.

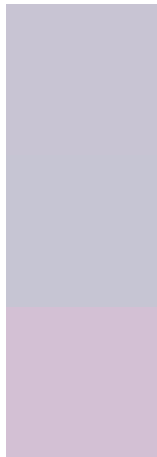


This preview shows how white text looks on a background with the XYZ color 55.3172, 56.4624,

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

55.3172, 56.4624, 69.6108

Protanopia

55.0128, 56.6414, 69.6614

Deuteranopia

57.5973, 56.3016, 70.1190



Tritanopia

55.3172, 56.4624, 69.6108

Trichromacy



Original Color

55.3172, 56.4624, 69.6108

Protanomaly

55.2773, 56.7778, 69.6738

Deuteranomaly

56.6858, 56.1588, 70.1394

Tritanomaly

55.3172, 56.4624, 69.6108

Monochromacy



Original Color

55.3172, 56.4624, 69.6108

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.5268, 56.8421, 64.5977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3172, 56.4624, 69.6108 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(200, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 211)  
}
```

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(200, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 211) }
```

Border

The CSS property to change the border of an element to XYZ 55.3172, 56.4624, 69.6108 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(200, 196, 211) }
```


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

```
.border{ border-color:rgb(200, 196, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 211);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3172, 56.4624, 69.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 211) }
```

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

```
.background{ background-color: rgb(200,  
196, 211) }
```

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