

Converting Colors

XYZ(55.5538, 56.3942, 69.9182)

Have a look what the booklet for
XYZ(55.5538, 56.3942, 69.9182)
contains.

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Color

**XYZ(55.4862, 56.2012,
70.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C3D4
RGB	201, 195, 212
RGB Percent	79%, 76%, 83%
CMY	0.2118, 0.2353, 0.1686
CMYK	0.05, 0.08, 0.00, 0.17
HSL	261°, 17%, 80%
HSV	261°, 8%, 83%
XYZ	55.4862, 56.2012, 70.2108
YIQ	198.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

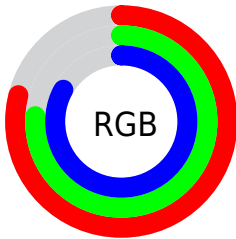
Format	Color
R _Y B	201, 195, 212
Decimal	13222868
CIE Lab	79.73, 5.26, -7.74
CIE LCh	80, 9.356, 304.200
Yxy	56.2012, 0.3050, 0.3090
Android (android.graphics.Color)	4291412948 (0xFFC9C3D4)
YUV	198.7320, 6.5411, 1.9890
Hunter-Lab	74.9675, 0.9214, -3.0508

Details

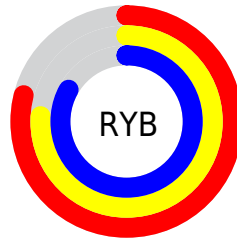
The XYZ color **55.4862, 56.2012, 70.2108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8494, 64.1503, 60.9131**, and the grayscale version is **54.0859, 56.9026, 61.9669**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **27.6433, 27.6871, 35.7855** is the 20% darker color. If you saturate the color by 10%, you get **47.5447, 45.5506, 68.5744**, and if you desaturate by 10%, it is **64.4348, 68.3752, 72.0898**.

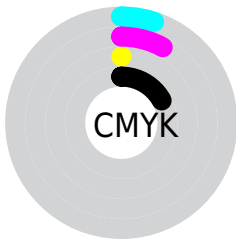
Distribution



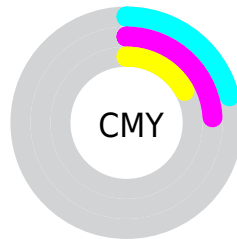
- Red (79%)
- Green (76%)
- Blue (83%)



- Red (79%)
- Yellow (76%)
- Blue (83%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4862, 56.2012, 70.2108 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 55.4862, 56.2012, 70.2108 by changing the saturation by 10% instead.

■ 55.4862, 56.2012,
70.2108

■ 55.4862, 56.2012,
70.2108

397.8588,
410.4493, 480.0989

■ 40.0265, 40.3643,
51.2205

■ 97.3971, 99.2987,
121.1933

■ 27.7435, 27.8227,
36.0062

124.5791,
127.3280, 154.0225

■ 18.2719, 18.1920,
24.1493

156.3991,
160.1903, 192.3019

■ 11.2462, 11.0879,
15.2312

193.2227,
198.2699, 236.4499

■ 6.3012, 6.1260,
8.8334

235.4151,
241.9512, 286.8850

■ 3.0715, 2.9219,
4.5373

283.3416,

■ 1.1917, 1.0911,

291.6186, 344.0259

1.9245

337.3678,
347.6565, 408.2910

■ 0.0998, 0.0000,
0.5083

■ 0.0000, 0.0000,
0.0000

■ 55.4862, 56.2012,
70.2108

■ 55.4862, 56.2012,
70.2108

■ 47.5447, 45.5506,
68.5744

■ 64.4348, 68.3752,
72.0898

■ 40.5686, 36.3552,
67.1672

■ 74.4205, 82.1229,
74.2171

■ 34.5202, 28.5523,
65.9799

■ 84.3172, 95.1793,
76.2156

■ 29.3576, 22.0717,
65.0011

■ 88.8838, 97.5335,
76.4294

■ 25.0353, 16.8370,
64.2185

■ 21.5034, 12.7636,
63.6184

■ 18.7059, 9.7560,
63.1854

■ 16.5785, 7.7027,
62.9012

■ 15.0324, 6.4444,
62.7398

Harmonies

Analogous

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



53.6841, 56.2012, 72.1704



55.4862, 56.2012, 70.2108



56.7564, 56.2012, 65.8356

Triad

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



55.4862, 56.2012, 70.2108



55.0148, 56.2012, 52.2941



49.8748, 56.2012, 61.9589

Complementary

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



55.4862, 56.2012, 70.2108



58.8494, 64.1503, 60.9131

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.



50.2123, 56.2012, 56.7750



55.4862, 56.2012, 70.2108



53.1519, 56.2012, 51.3903

Square

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



55.4862, 56.2012, 70.2108



56.4797, 56.2012, 55.5284



51.4010, 56.2012, 52.9834



50.4681, 56.2012, 67.2315

Rectangle

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



55.4862, 56.2012, 70.2108



57.1149, 56.2012, 62.2513



51.4010, 56.2012, 52.9834



49.8833, 56.2012, 60.1479

Sweetspot

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



55.4878, 56.2036, 70.2120



92.2407, 96.1685, 108.3085



56.4746, 60.5241, 70.9940



19.7728, 20.6242, 23.1887



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.



55.4878, 56.2036, 70.2120



81.6350, 81.7991, 106.0939



57.8225, 57.4071, 70.3213



12.1519, 12.2197, 15.6557



9.2170, 3.9040, 38.7209



0.6443, 0.2811, 2.3396

Inverse Universe

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



57.8090, 57.4860, 66.4442



86.0328, 84.2297, 98.9144



56.5660, 62.9732, 60.8062



12.7583, 12.5548, 14.6675



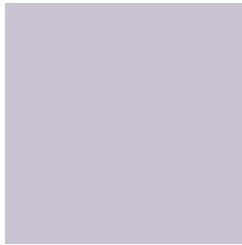
19.6074, 9.7793, 15.7684



1.2213, 0.6053, 1.1545

Previews

White Background



This preview shows how the XYZ color 55.4862, 56.2012, 70.2108 looks on a white background.

Color Contrast Check

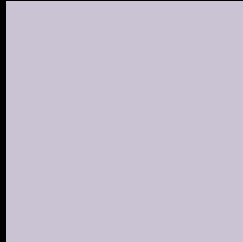
Large Text (above 18pt) WCAG AA × Fail

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 55.4862, 56.2012, 70.2108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

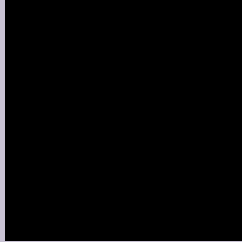
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4862, 56.2012, 70.2108

Background



This preview shows how black text looks on a background with the XYZ color 55.4862, 56.2012, 70.2108.

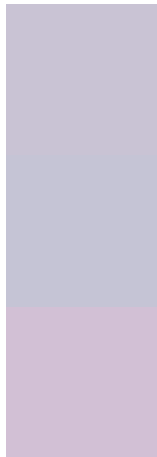


This preview shows how white text looks on a background with the XYZ color 55.4862, 56.2012,

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

55.4862, 56.2012, 70.2108

Protanopia

54.7761, 56.1543, 70.9026

Deuteranopia

57.4382, 56.2050, 70.7721



Tritanopia

55.3604, 56.1509, 69.5484

Trichromacy



Original Color

55.4862, 56.2012, 70.2108

Protanomaly

55.0389, 56.2897, 70.9149

Deuteranomaly

56.8123, 56.2094, 70.8060

Tritanomaly

55.3604, 56.1509, 69.5484

Monochromacy



Original Color

55.4862, 56.2012, 70.2108

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9126, 57.0272, 65.2399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4862, 56.2012, 70.2108 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.4862, 56.2012, 70.2108 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, 212) }
```


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

```
.border{ border-color:rgb(201, 195, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4862, 56.2012, 70.2108 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, 212) }
```

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

```
.background{ background-color: rgb(201,  
195, 212) }
```

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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