

Converting Colors

XYZ(55.2655, 59.8500, 56.2164)

Have a look what the booklet for
XYZ(55.2655, 59.8500, 56.2164)
contains.

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Color

**XYZ(55.2655, 59.8500,
56.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDBC
RGB	202, 205, 188
RGB Percent	79%, 80%, 74%
CMY	0.2078, 0.1961, 0.2627
CMYK	0.01, 0.00, 0.08, 0.20
HSL	71°, 15%, 77%
HSV	71°, 8%, 80%
XYZ	55.2655, 59.8500, 56.2164
YIQ	202.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

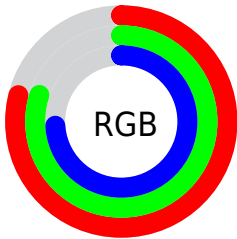
Format	Color
RYB	188, 205, 191
Decimal	13290940
CIELab	81.76, -4.04, 8.10
CIELCh	82, 9.050, 116.504
Yxy	59.8500, 0.3226, 0.3493
Android (android.graphics.Color)	4291481020 (0xFFCACDBC)
YUV	202.1650, -6.9833, -0.1447
Hunter-Lab	77.3628, -7.8702, 11.0703

Details

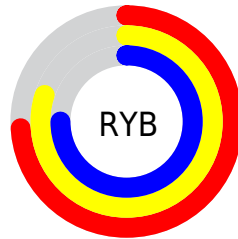
The XYZ color **55.2655, 59.8500, 56.2164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4909, 51.4523, 65.0309**, and the grayscale version is **56.2840, 59.2151, 64.4853**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **27.6525, 30.1784, 27.2892** is the 20% darker color. If you saturate the color by 10%, you get **52.2427, 58.5309, 45.3467**, and if you desaturate by 10%, it is **58.6286, 61.3117, 68.7432**.

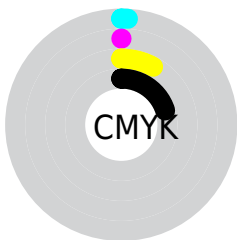
Distribution



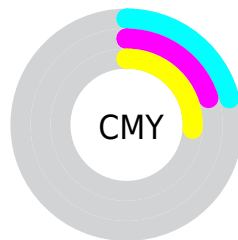
- Red (79%)
- Green (80%)
- Blue (74%)



- Red (74%)
- Yellow (80%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2655, 59.8500, 56.2164 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 55.2655, 59.8500, 56.2164 by changing the saturation by 10% instead.

■ 55.2655, 59.8500,
56.2164

■ 55.2655, 59.8500,
56.2164

397.0376,
424.0447, 427.9177

■ 39.8490, 43.2977,
39.9713

■ 97.0759, 104.6120,
100.8099

■ 27.6045, 30.1188,
27.2025

124.2005,
133.5906, 129.9953

■ 18.1667, 19.9288,
17.4916

155.9586,
167.4801, 164.3312

■ 11.1701, 12.3433,
10.4200

192.7154,
206.6648, 204.2362

■ 6.2495, 6.9779,
5.5691

234.8364,
251.5293, 250.1289

■ 3.0395, 3.4483,
2.5203

282.6868,

■ 1.1747, 1.3700,

302.4578, 302.4276

0.8509

336.6321,
359.8348, 361.5511

■ 0.0862, 0.1945,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2655, 59.8500,
56.2164

■ 55.2655, 59.8500,
56.2164

■ 52.2427, 58.5309,
45.3467

■ 58.6286, 61.3117,
68.7432

■ 49.5420, 57.3414,
36.0609

■ 62.3395, 62.9133,
82.9885

■ 47.1506, 56.2782,
28.2860

■ 66.4119, 64.6622,
99.0153

■ 45.0533, 55.3352,
21.9418

■ 68.3460, 65.5585,
103.6596

■ 43.2332, 54.5058,
16.9407

■ 69.4312, 66.1179,
103.7104

■ 41.6717, 53.7823,
13.1855

■ 70.5401, 66.6896,
103.7623

■ 40.3478, 53.1564,
10.5659

■ 71.6730, 67.2736,
103.8153

■ 39.2366, 52.6181,
8.9523

■ 72.8299, 67.8700,
103.8694

■ 38.3006, 52.1524,
8.1482

■ 74.0110, 68.4789,
103.9247

Harmonies

Analogous

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



57.1094, 59.8500, 55.2400



55.2655, 59.8500, 56.2164



53.8833, 59.8500, 59.5431

Triad

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



55.2655, 59.8500, 56.2164



54.8867, 59.8500, 74.3185



60.6232, 59.8500, 65.8086

Complementary

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



55.2655, 59.8500, 56.2164



50.4909, 51.4523, 65.0309

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.



59.9974, 59.8500, 71.1332



55.2655, 59.8500, 56.2164



56.6624, 59.8500, 76.2161

Square

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



55.2655, 59.8500, 56.2164



53.6681, 59.8500, 69.9643



58.5371, 59.8500, 75.0194



60.2293, 59.8500, 60.5931

Rectangle

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



55.2655, 59.8500, 56.2164



53.3953, 59.8500, 62.7472



58.5371, 59.8500, 75.0194



60.5248, 59.8500, 67.6471

Sweetspot

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



55.2671, 59.8526, 56.2177



93.9089, 99.5054, 104.6172



52.8504, 53.8007, 55.1769



20.1124, 21.3034, 22.4372



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.



55.2671, 59.8526, 56.2177



89.5747, 97.6206, 88.6169



53.0732, 58.7216, 56.1150



11.9519, 12.9926, 11.9573



23.8200, 32.4550, 5.0090



1.2811, 1.7013, 0.2609

Inverse Universe

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



50.4909, 51.4523, 65.0309



80.1413, 81.0290, 106.0240



52.6464, 52.5634, 65.1317



10.7835, 10.9377, 14.1132



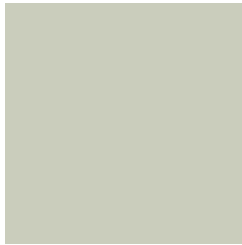
7.3748, 3.0094, 36.1484



0.4385, 0.1852, 1.8676

Previews

White Background



This preview shows how the XYZ color 55.2655, 59.8500, 56.2164 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 55.2655, 59.8500, 56.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

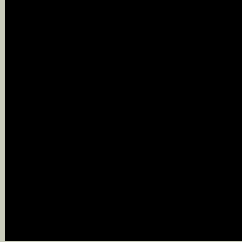
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

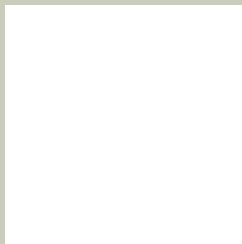
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2655, 59.8500, 56.2164

Background



This preview shows how black text looks on a background with the XYZ color 55.2655, 59.8500, 56.2164.



This preview shows how white text looks on a background with the XYZ color 55.2655, 59.8500,

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

55.2655, 59.8500, 56.2164

Protanopia

56.9541, 59.6778, 55.5309

Deuteranopia

61.0291, 59.6915, 57.0202



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

55.2655, 59.8500, 56.2164

Protanomaly

56.3380, 59.7096, 55.5695

Deuteranomaly

58.8221, 59.5810, 56.5441

Tritanomaly

57.4379, 59.6764, 66.8839

Monochromacy



Original Color

55.2655, 59.8500, 56.2164

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7911, 59.2996, 61.3288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2655, 59.8500, 56.2164 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(202, 205, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 188)  
}
```

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(202, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 188) }
```

Border

The CSS property to change the border of an element to XYZ 55.2655, 59.8500, 56.2164 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(202, 205, 188) }
```


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

```
.border{ border-color:rgb(202, 205, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2655, 59.8500, 56.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 188) }
```

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

```
.background{ background-color: rgb(202,  
205, 188) }
```

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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