

Converting Colors

XYZ(55.5214, 56.8889, 61.2794)

Have a look what the booklet for
XYZ(55.5214, 56.8889, 61.2794)
contains.

XYZ(55.3866, 56.6789, 61.4470)	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(55.3866, 56.6789,
61.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC4C6
RGB	206, 196, 198
RGB Percent	81%, 77%, 78%
CMY	0.1922, 0.2314, 0.2235
CMYK	0.00, 0.05, 0.04, 0.19
HSL	348°, 9%, 79%
HSV	348°, 5%, 81%
XYZ	55.3866, 56.6789, 61.4470
YIQ	199.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

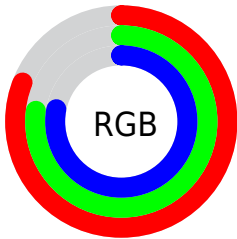
Format	Color
R _Y B	206, 196, 198
Decimal	13550790
CIE Lab	80.00, 3.84, 0.24
CIE LCh	80, 3.851, 3.555
Yxy	56.6789, 0.3192, 0.3267
Android (android.graphics.Color)	4291740870 (0xFFCEC4C6)
YUV	199.2180, -0.6005, 5.9478
Hunter-Lab	75.2854, -0.4290, 4.3080

Details

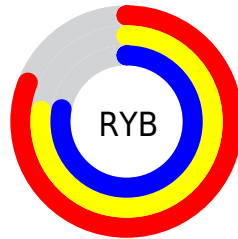
The XYZ color **55.3866, 56.6789, 61.4470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7375, 60.2395, 65.8195**, and the grayscale version is **54.4222, 57.2564, 62.3522**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.6559, 28.0350, 30.3392** is the 20% darker color. If you saturate the color by 10%, you get **49.2563, 47.2972, 50.5270**, and if you desaturate by 10%, it is **62.3651, 67.4243, 73.6723**.

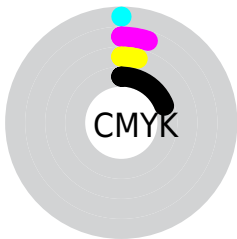
Distribution



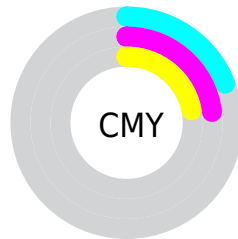
- Red (81%)
- Green (77%)
- Blue (78%)



- Red (81%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3866, 56.6789, 61.4470 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 55.3866, 56.6789, 61.4470 by changing the saturation by 10% instead.

■ 55.3866, 56.6789,
61.4470

■ 55.3866, 56.6789,
61.4470

397.4883,
412.2450, 447.8629

■ 39.9464, 40.7475,
44.1531

97.2522, 99.9965,
108.4897

■ 27.6808, 28.1218,
30.4528

124.4083,
128.1515, 139.0756

■ 18.2244, 18.4175,
19.9276

156.2004,
161.1498, 174.9293

■ 11.2119, 11.2502,
12.1589

192.9938,
199.3759, 216.4693

■ 6.2779, 6.2354,
6.7281

235.1540,
243.2140, 264.1141

■ 3.0570, 2.9887,
3.2168

283.0462,

■ 1.1840, 1.1258,

293.0486, 318.2823

1.2064

337.0359,
349.2642, 379.3924

■ 0.0937, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3866, 56.6789,
61.4470

■ 55.3866, 56.6789,
61.4470

■ 49.2563, 47.2972,
50.5270

■ 62.3651, 67.4243,
73.6723

■ 43.9370, 39.2174,
40.8653

■ 70.2176, 79.5773,
87.2406

■ 39.3958, 32.3842,
32.4174

■ 78.0735, 91.3858,
101.8921

■ 35.5955, 26.7351,
25.1347

■ 79.2640, 91.8620,
108.1612

■ 32.4962, 22.2025,
18.9653

■ 30.0538, 18.7116,
13.8535

■ 28.2191, 16.1789,
9.7383

■ 26.9360, 14.5073,
6.5523

■ 26.1369, 13.5794,
4.2192

Harmonies

Analogous

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



55.2294, 56.6789, 63.6517



55.3866, 56.6789, 61.4470



55.1346, 56.6789, 59.3635

Triad

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



55.3866, 56.6789, 61.4470



53.0446, 56.6789, 58.1935



53.2046, 56.6789, 65.6510

Complementary

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



55.3866, 56.6789, 61.4470



55.7375, 60.2395, 65.8195

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.



52.6280, 56.6789, 64.1251



55.3866, 56.6789, 61.4470



52.5362, 56.6789, 59.8154

Square

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



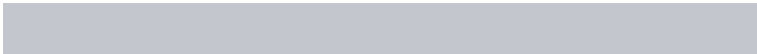
55.3866, 56.6789, 61.4470



53.7784, 56.6789, 57.5139



52.3845, 56.6789, 61.9811



53.9649, 56.6789, 66.1131

Rectangle

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



55.3866, 56.6789, 61.4470



54.7699, 56.6789, 58.3134



52.3845, 56.6789, 61.9811



52.9831, 56.6789, 65.2437

Sweetspot

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



55.3882, 56.6814, 61.4482



93.9150, 98.2530, 106.9094



55.7842, 56.7760, 66.4121



20.1136, 21.0486, 22.9040



0.0000, 0.0000, 0.0000



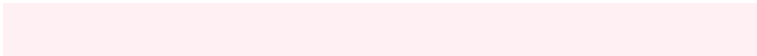
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.3882, 56.6814, 61.4482



88.4526, 89.8600, 97.2834



55.8426, 57.9564, 60.4710



11.6836, 11.8338, 12.8038



15.9495, 8.1904, 2.1867



0.8504, 0.4336, 0.2582

Inverse Universe

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



55.3882, 56.6814, 61.4482



88.4526, 89.8600, 97.2834



55.2635, 58.9057, 66.8506



11.6836, 11.8338, 12.8038



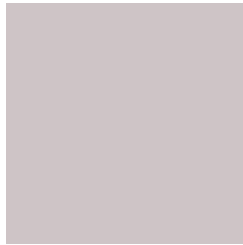
15.9495, 8.1904, 2.1867



0.8504, 0.4336, 0.2582

Previews

White Background



This preview shows how the XYZ color 55.3866, 56.6789, 61.4470 looks on a white background.

Color Contrast Check

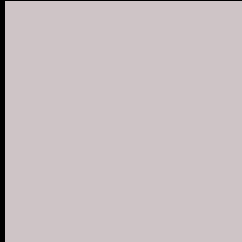
Large Text (above 18pt) WCAG AA × Fail

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 55.3866, 56.6789, 61.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

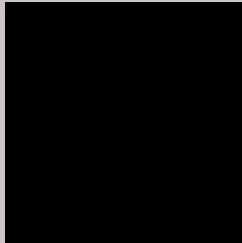
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3866, 56.6789, 61.4470

Background



This preview shows how black text looks on a background with the XYZ color 55.3866, 56.6789, 61.4470.



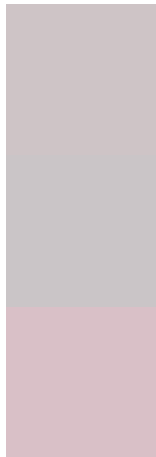
This preview shows how white text looks on a background with the XYZ color 55.3866, 56.6789,

61.4470.

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

55.3866, 56.6789, 61.4470

Protanopia

54.6322, 56.6126, 62.0807

Deuteranopia

57.7737, 56.5745, 61.9078



Tritanopia

56.8128, 56.5969, 68.2515

Trichromacy



Original Color

55.3866, 56.6789, 61.4470

Protanomaly

54.9037, 56.7525, 62.0934

Deuteranomaly

56.8193, 56.4096, 61.9263

Tritanomaly

56.2667, 56.7034, 65.7369

Monochromacy



Original Color

55.3866, 56.6789, 61.4470

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8600, 57.0682, 62.1567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3866, 56.6789, 61.4470 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(206, 196, 198) looks like.

```
.text, #text, p{  
    color:rgb(206, 196, 198)  
}
```

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(206, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.3866, 56.6789, 61.4470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

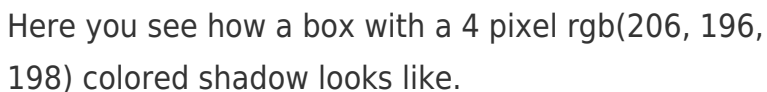
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 196, 198) }
```


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

```
.border{ border-color:rgb(206, 196, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3866, 56.6789, 61.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 198) }
```

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

```
.background{ background-color: rgb(206,  
196, 198) }
```

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