

Converting Colors

XYZ(55.5159, 56.6531, 61.4573)

Have a look what the booklet for
XYZ(55.5159, 56.6531, 61.4573)
contains.

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Color

**XYZ(55.6651, 56.8225,
61.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC4C6
RGB	207, 196, 198
RGB Percent	81%, 77%, 78%
CMY	0.1882, 0.2314, 0.2235
CMYK	0.00, 0.05, 0.04, 0.19
HSL	349°, 10%, 79%
HSV	349°, 5%, 81%
XYZ	55.6651, 56.8225, 61.4600
YIQ	199.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

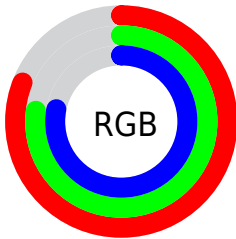
Format	Color
R_{YB}	207, 196, 198
Decimal	13616326
CIE Lab	80.08, 4.19, 0.37
CIE LCh	80, 4.209, 4.999
Yxy	56.8225, 0.3200, 0.3267
Android (android.graphics.Color)	4291806406 (0xFFCFC4C6)
YUV	199.5170, -0.7479, 6.5626
Hunter-Lab	75.3807, -0.1024, 4.4257

Details

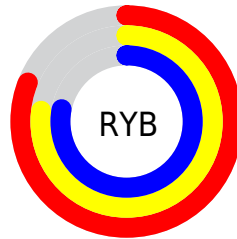
The XYZ color **55.6651, 56.8225, 61.4600** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0994, 60.7707, 66.5339**, and the grayscale version is **54.6061, 57.4499, 62.5629**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.8439, 28.1319, 30.3480** is the 20% darker color. If you saturate the color by 10%, you get **49.4684, 47.3830, 50.2864**, and if you desaturate by 10%, it is **62.7278, 67.6428, 74.0022**.

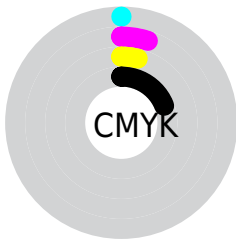
Distribution



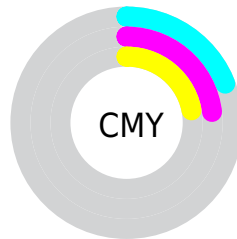
- Red (81%)
- Green (77%)
- Blue (78%)



- 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 55.6651, 56.8225, 61.4600 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 55.6651, 56.8225, 61.4600 by changing the saturation by 10% instead.

■ 55.6651, 56.8225,
61.4600

■ 55.6651, 56.8225,
61.4600

398.5237,
412.7839, 447.9118

■ 40.1704, 40.8627,
44.1635

97.6574, 100.2061,
108.5087

■ 27.8562, 28.2119,
30.4610

124.8857,
128.3988, 139.0980

■ 18.3572, 18.4854,
19.9337

156.7560,
161.4379, 174.9554

■ 11.3080, 11.2991,
12.1633

193.6335,
199.7079, 216.4994

■ 6.3432, 6.2684,
6.7311

235.8837,
243.5931, 264.1484

■ 3.0975, 3.0089,
3.2186

283.8719,

■ 1.2055, 1.1364,

293.4779, 318.3212

1.2073

337.9635,
349.7467, 379.4361

■ 0.1107, 0.0088,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6651, 56.8225,
61.4600

■ 55.6651, 56.8225,
61.4600

■ 49.4684, 47.3830,
50.2864

■ 62.7278, 67.6428,
74.0022

■ 44.0995, 39.2615,
40.4313

■ 70.6834, 79.8886,
87.9534

■ 39.5246, 32.4015,
31.8466

■ 78.5645, 91.6144,
103.0244

■ 35.7053, 26.7395,
24.4804

■ 79.5424, 92.0056,
108.1743

■ 32.6005, 22.2064,
18.2767

■ 30.1646, 18.7260,
13.1752

■ 28.3469, 16.2128,
9.1102

■ 27.0893, 14.5676,
6.0085

■ 26.3215, 13.6697,
3.7868

Harmonies

Analogous

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



55.5142, 56.8225, 63.8846



55.6651, 56.8225, 61.4600



55.3682, 56.8225, 59.2044

Triad

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



55.6651, 56.8225, 61.4600



53.0691, 56.8225, 58.0869



53.3152, 56.8225, 66.2431

Complementary

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



55.6651, 56.8225, 61.4600



56.0994, 60.7707, 66.5339

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.



52.6704, 56.8225, 64.6145



55.6651, 56.8225, 61.4600



52.5294, 56.8225, 59.8983

Square

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



55.6651, 56.8225, 61.4600



53.8647, 56.8225, 57.2901



52.3843, 56.8225, 62.2819



54.1517, 56.8225, 66.6878

Rectangle

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



55.6651, 56.8225, 61.4600



54.9581, 56.8225, 58.0870



52.3843, 56.8225, 62.2819



53.0691, 56.8225, 65.8139

Sweetspot

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



55.6667, 56.8250, 61.4612



92.7797, 96.5231, 104.8637



56.1764, 56.9642, 67.0666



19.8825, 20.6963, 22.4875



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.



55.6667, 56.8250, 61.4612



88.4107, 89.8432, 97.0627



56.2325, 58.3227, 60.5212



12.3002, 12.4608, 13.4513



16.4539, 8.4544, 2.0303



0.9471, 0.4835, 0.2561

Inverse Universe

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



55.6667, 56.8250, 61.4612



88.4107, 89.8432, 97.0627



55.5076, 59.1989, 67.5332



12.3002, 12.4608, 13.4513



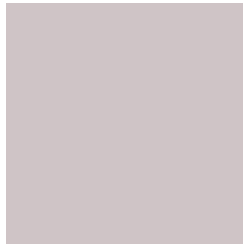
16.4539, 8.4544, 2.0303



0.9471, 0.4835, 0.2561

Previews

White Background



This preview shows how the XYZ color 55.6651, 56.8225, 61.4600 looks on a white background.

Color Contrast Check

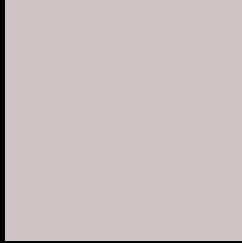
Large Text (above 18pt) WCAG AA × Fail

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 55.6651, 56.8225, 61.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

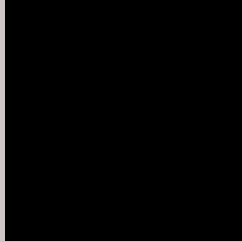
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

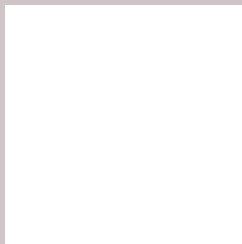
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6651, 56.8225, 61.4600

Background



This preview shows how black text looks on a background with the XYZ color 55.6651, 56.8225, 61.4600.



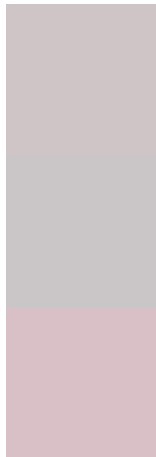
This preview shows how white text looks on a background with the XYZ color 55.6651, 56.8225,

61.4600.

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

55.6651, 56.8225, 61.4600

Protanopia

54.8600, 57.0682, 62.1567

Deuteranopia

57.7737, 56.5745, 61.9078



Tritanopia

57.0949, 56.7423, 68.2647

Trichromacy



Original Color

55.6651, 56.8225, 61.4600

Protanomaly

55.1769, 56.8934, 62.1062

Deuteranomaly

56.8193, 56.4096, 61.9263

Tritanomaly

56.5470, 56.8479, 65.7500

Monochromacy



Original Color

55.6651, 56.8225, 61.4600

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.3608, 57.6669, 62.2458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6651, 56.8225, 61.4600 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(207, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.6651, 56.8225, 61.4600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

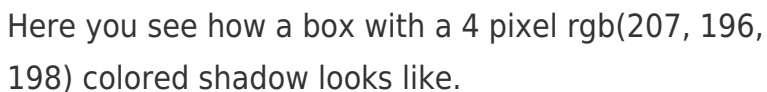
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 196, 198) }
```


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

```
.border{ border-color:rgb(207, 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(207, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 196, 198); box-shadow:4px 4px 4px 4px rgb(207, 196, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6651, 56.8225, 61.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 198) }
```

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

```
.background{ background-color: rgb(207,  
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](#).

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