

Converting Colors

XYZ(55.6093, 56.7306, 58.6470)

Have a look what the booklet for
XYZ(55.6093, 56.7306, 58.6470)
contains.

XYZ(55.6601, 56.8854, 58.4985)	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(55.6601, 56.8854,
58.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C4C1
RGB	209, 196, 193
RGB Percent	82%, 77%, 76%
CMY	0.1804, 0.2314, 0.2431
CMYK	0.00, 0.06, 0.08, 0.18
HSL	11°, 15%, 79%
HSV	11°, 8%, 82%
XYZ	55.6601, 56.8854, 58.4985
YIQ	199.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

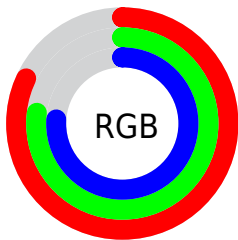
Format	Color
R _Y B	209, 197, 193
Decimal	13747393
CIE Lab	80.12, 4.03, 3.13
CIE LCh	80, 5.099, 37.822
Yxy	56.8854, 0.3254, 0.3326
Android (android.graphics.Color)	4291937473 (0xFFD1C4C1)
YUV	199.5450, -3.2267, 8.2920
Hunter-Lab	75.4224, -0.2601, 6.8097

Details

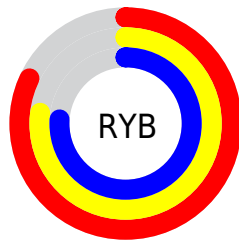
The XYZ color **55.6601, 56.8854, 58.4985** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5722, 60.0827, 68.9906**, and the grayscale version is **54.6368, 57.4822, 62.5981**.

A 20% lighter version of the original color is **93.4642, 98.3501, 103.6799**, and **27.9242, 28.2080, 28.7839** is the 20% darker color. If you saturate the color by 10%, you get **49.8767, 48.7894, 45.8693**, and if you desaturate by 10%, it is **62.2095, 65.9848, 73.0100**.

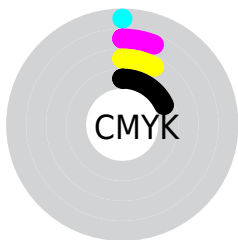
Distribution



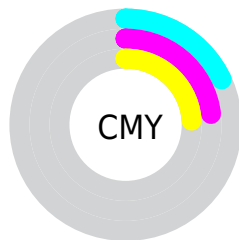
- Red (82%)
- Green (77%)
- Blue (76%)



- Red (82%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6601, 56.8854, 58.4985 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 55.6601, 56.8854, 58.4985 by changing the saturation by 10% instead.

■ 55.6601, 56.8854,
58.4985

■ 55.6601, 56.8854,
58.4985

398.5051,
413.0198, 436.6909

■ 40.1664, 40.9132,
41.7922

■ 97.6501, 100.2980,
104.1704

■ 27.8531, 28.2513,
28.6143

124.8772,
128.5071, 133.9730

■ 18.3548, 18.5152,
18.5461

156.7460,
161.5641, 168.9782

■ 11.3063, 11.3205,
11.1693

193.6221,
199.8533, 209.6044

■ 6.3420, 6.2828,
6.0652

235.8706,
243.7590, 256.2703

■ 3.0968, 3.0178,
2.8154

283.8571,

■ 1.2051, 1.1410,

293.6658, 309.3943

1.0011

337.9468,
349.9579, 369.3950

■ 0.1104, 0.0127,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6601, 56.8854,
58.4985

■ 55.6601, 56.8854,
58.4985

■ 49.8767, 48.7894,
45.8693

■ 62.2095, 65.9848,
73.0100

■ 44.8265, 41.6552,
35.0416

■ 69.5469, 76.1127,
89.4729

■ 40.4812, 35.4489,
25.9339

■ 77.5858, 87.2575,
107.3609

■ 36.8087, 30.1321,
18.4575

■ 80.1048, 92.2955,
108.2006

■ 33.7748, 25.6637,
12.5151

■ 31.3416, 21.9991,
7.9995

■ 29.4675, 19.0895,
4.7893

■ 28.1049, 16.8809,
2.7427

■ 27.1934, 15.3096,
1.6625

Harmonies

Analogous

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



56.0697, 56.8854, 61.1637



55.6601, 56.8854, 58.4985



54.8249, 56.8854, 56.7939

Triad

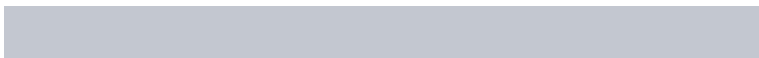
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.6601, 56.8854, 58.4985



52.2403, 56.8854, 59.8054



54.3400, 56.8854, 67.7768

Complementary

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



55.6601, 56.8854, 58.4985



55.5722, 60.0827, 68.9906

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.



53.3178, 56.8854, 67.3849



55.6601, 56.8854, 58.4985



52.1142, 56.8854, 62.7199

Square

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



55.6601, 56.8854, 58.4985



52.8530, 56.8854, 57.5314



52.5063, 56.8854, 65.5108



55.3012, 56.8854, 66.5652

Rectangle

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



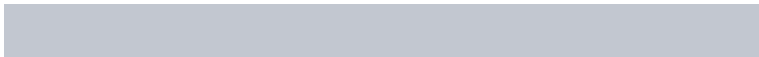
55.6601, 56.8854, 58.4985



54.1438, 56.8854, 56.3995



52.5063, 56.8854, 65.5108



53.9920, 56.8854, 67.8289

Sweetspot

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



55.6617, 56.8879, 58.4997



92.9323, 97.0611, 104.1969



56.5140, 56.1556, 66.2963



19.9135, 20.8059, 22.3517



0.0000, 0.0000, 0.0000



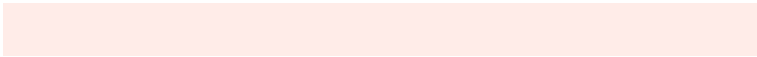
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6617, 56.8879, 58.4997



85.9113, 87.2864, 88.7011



57.4980, 60.5605, 59.1118



11.9858, 12.1622, 12.3279



16.7180, 9.3690, 0.9273



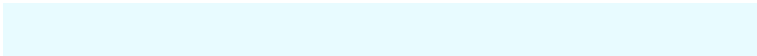
0.9896, 0.6336, 0.0701

Inverse Universe

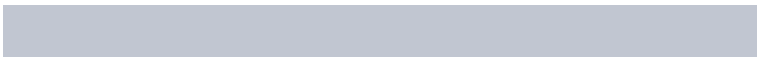
The Inverse Universe completely reimagines the original color for something new.



55.5722, 60.0827, 68.9906



85.7459, 93.1862, 108.0752



53.7111, 56.3605, 68.3702



11.9619, 13.0140, 15.1252



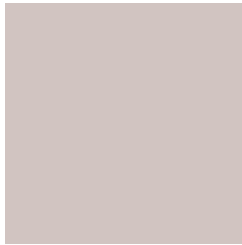
15.9999, 20.6465, 40.3344



0.9445, 1.2543, 2.2719

Previews

White Background



This preview shows how the XYZ color 55.6601, 56.8854, 58.4985 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 55.6601, 56.8854, 58.4985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

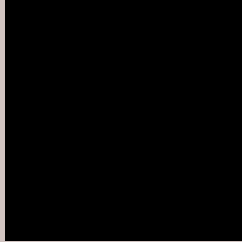
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

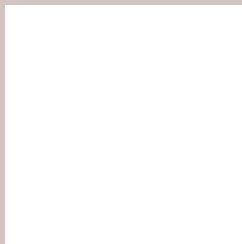
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6601, 56.8854, 58.4985

Background



This preview shows how black text looks on a background with the XYZ color 55.6601, 56.8854, 58.4985.



This preview shows how white text looks on a background with the XYZ color 55.6601, 56.8854,

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

55.6601, 56.8854, 58.4985

Protanopia

54.5603, 56.9797, 59.1615

Deuteranopia

58.1024, 56.8100, 58.9420



Tritanopia

57.6644, 57.0359, 68.2914

Trichromacy



Original Color

55.6601, 56.8854, 58.4985

Protanomaly

54.8807, 56.8067, 59.1112

Deuteranomaly

57.1265, 56.6339, 58.9595

Tritanomaly

56.8729, 57.0436, 64.5129

Monochromacy



Original Color

55.6601, 56.8854, 58.4985

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1301, 57.5746, 61.0307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6601, 56.8854, 58.4985 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(209, 196, 193) looks like.

```
.text, #text, p{  
    color:rgb(209, 196, 193)  
}
```

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(209, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 196, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.6601, 56.8854, 58.4985 is called "border". The border property can be set on classes, ids or directly on the HTML element.

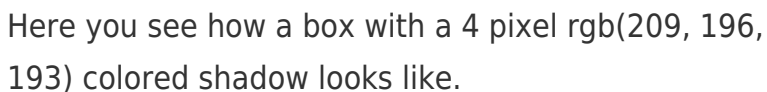
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 196, 193) }
```


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

```
.border{ border-color:rgb(209, 196, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(209, 196,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6601, 56.8854, 58.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 196, 193) }
```

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

```
.background{ background-color: rgb(209,  
196, 193) }
```

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