

Converting Colors

XYZ(55.7137, 55.9813, 55.9936)

Have a look what the booklet for
XYZ(55.7137, 55.9813, 55.9936)
contains.

XYZ(55.6958, 55.9602, 56.0100)	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(55.6958, 55.9602,
56.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C1BD
RGB	213, 193, 189
RGB Percent	84%, 76%, 74%
CMY	0.1647, 0.2431, 0.2588
CMYK	0.00, 0.09, 0.11, 0.16
HSL	10°, 22%, 79%
HSV	10°, 11%, 84%
XYZ	55.6958, 55.9602, 56.0100
YIQ	198.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

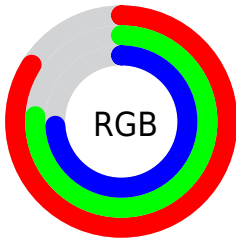
Format	Color
R _Y B	213, 194, 189
Decimal	14008765
CIE Lab	79.59, 6.38, 4.56
CIE LCh	80, 7.839, 35.588
Yxy	55.9602, 0.3322, 0.3338
Android (android.graphics.Color)	4292198845 (0xFFD5C1BD)
YUV	198.5240, -4.6953, 12.6955
Hunter-Lab	74.8066, 1.9873, 7.9723

Details

The XYZ color **55.6958, 55.9602, 56.0100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7966, 61.2225, 71.8276**, and the grayscale version is **54.0188, 56.8320, 61.8900**.

A 20% lighter version of the original color is **91.5971, 95.6039, 100.0119**, and **27.9226, 27.8028, 27.1874** is the 20% darker color. If you saturate the color by 10%, you get **49.8612, 47.7230, 43.4835**, and if you desaturate by 10%, it is **62.3439, 65.2797, 70.4842**.

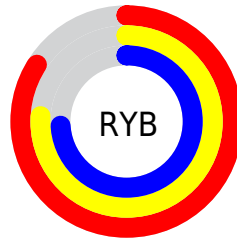
Distribution



Red (84%)

Green (76%)

Blue (74%)



Red (84%)

Yellow (76%)

Blue (74%)

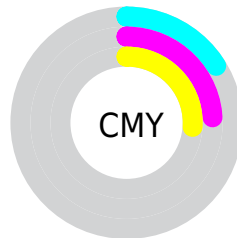


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (16%)



Cyan (16%)


Magenta (24%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6958, 55.9602, 56.0100 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 55.6958, 55.9602, 56.0100 by changing the saturation by 10% instead.


 55.6958, 55.9602,
56.0100

 55.6958, 55.9602,
56.0100


398.6377,
409.5415, 427.1186

 40.1951, 40.1710,
39.8069

 97.7021, 98.9464,
100.5051

 27.8756, 27.6719,
27.0754


124.9383,
126.9122, 129.6342

 18.3719, 18.0785,
17.3969


156.8172,
159.7056, 163.9091

 11.3186, 11.0063,
10.3529

193.7040,
197.7111, 203.7483

 6.3504, 6.0711,
5.5249

235.9641,
241.3130, 249.5702

 3.1020, 2.8884,
2.4944

283.9629,

 1.2079, 1.0737,

290.8958, 301.7936

0.8372

338.0656,
346.8438, 360.8368

■ 0.1126, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6958, 55.9602,
56.0100

■ 55.6958, 55.9602,
56.0100

■ 49.8612, 47.7230,
43.4835

■ 62.3439, 65.2797,
70.4842

■ 44.8042, 40.5217,
32.8181

■ 69.8304, 75.7111,
86.9807

■ 40.4928, 34.3173,
23.9256

■ 78.1850, 87.2923,
105.5746

■ 36.8913, 29.0655,
16.7096

■ 81.2508, 92.8862,
108.2542

■ 33.9607, 24.7187,
11.0642

■ 31.6585, 21.2253,
6.8716

■ 29.9367, 18.5280,
3.9971

■ 28.7402, 16.5625,
2.2805

■ 28.0577, 15.3801,
1.4898

Harmonies

Analogous

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



56.2676, 55.9602, 60.0884



55.6958, 55.9602, 56.0100



54.4531, 55.9602, 53.3517

Triad

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



55.6958, 55.9602, 56.0100



50.4716, 55.9602, 57.4078



53.4847, 55.9602, 70.0007

Complementary

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



55.6958, 55.9602, 56.0100



55.7966, 61.2225, 71.8276

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.



51.9436, 55.9602, 69.1964



55.6958, 55.9602, 56.0100



50.2238, 55.9602, 61.7817

Square

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



55.6958, 55.9602, 56.0100



51.4412, 55.9602, 54.1304



50.7576, 55.9602, 66.1324



54.9749, 55.9602, 68.2790

Rectangle

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



55.6958, 55.9602, 56.0100



53.4224, 55.9602, 52.6668



50.7576, 55.9602, 66.1324



52.9553, 55.9602, 70.0178

Sweetspot

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



55.6974, 55.9627, 56.0112



91.8429, 95.5176, 101.8752



57.1474, 55.1455, 67.9543



19.4789, 20.1938, 21.4137



0.0000, 0.0000, 0.0000



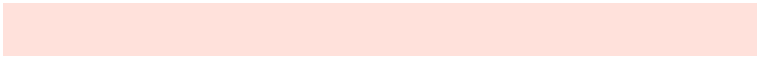
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6974, 55.9627, 56.0112



81.0602, 80.3792, 78.4675



58.4578, 61.4835, 56.9313



12.5890, 12.7522, 12.9586



17.1892, 9.4957, 0.9269



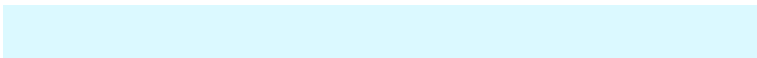
1.0895, 0.6782, 0.0735

Inverse Universe

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



55.7966, 61.2225, 71.8276



81.2430, 90.1052, 107.7178



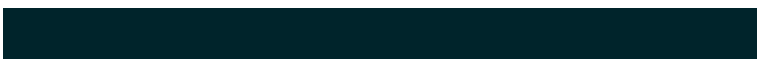
52.9634, 55.5561, 70.8832



12.6077, 13.7387, 15.9249



17.0610, 22.3838, 41.8744



1.0769, 1.4459, 2.5416

Previews

White Background



This preview shows how the XYZ color 55.6958, 55.9602, 56.0100 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 55.6958, 55.9602, 56.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

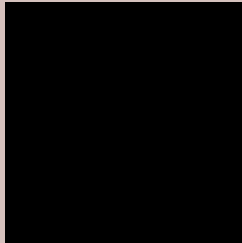
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6958, 55.9602, 56.0100

Background



This preview shows how black text looks on a background with the XYZ color 55.6958, 55.9602, 56.0100.



This preview shows how white text looks on a background with the XYZ color 55.6958, 55.9602,

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

55.6958, 55.9602, 56.0100

Protanopia

53.5010, 55.7980, 57.2405

Deuteranopia

57.0295, 55.9958, 55.9466



Tritanopia

57.4572, 55.6818, 65.4769

Trichromacy



Original Color

55.6958, 55.9602, 56.0100

Protanomaly

54.2630, 55.8697, 56.6392

Deuteranomaly

56.6502, 56.1251, 55.9916

Tritanomaly

56.6712, 55.6813, 61.7935

Monochromacy



Original Color

55.6958, 55.9602, 56.0100

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.7184, 56.7100, 59.6919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6958, 55.9602, 56.0100 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(213, 193, 189) looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 189)  
}
```

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(213, 193, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 189) }
```

Border

The CSS property to change the border of an element to XYZ 55.6958, 55.9602, 56.0100 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(213, 193, 189) }
```


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

```
.border{ border-color:rgb(213, 193, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 193, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 189);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6958, 55.9602, 56.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 189) }
```

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

```
.background{ background-color: rgb(213,  
193, 189) }
```

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