

Converting Colors

XYZ(55.3887, 55.5177, 51.1706)

Have a look what the booklet for
XYZ(55.3887, 55.5177, 51.1706)
contains.

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Color

**XYZ(55.4068, 55.5935,
50.9904)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0B4
RGB	216, 192, 180
RGB Percent	85%, 75%, 71%
CMY	0.1529, 0.2470, 0.2941
CMYK	0.00, 0.11, 0.17, 0.15
HSL	20°, 32%, 78%
HSV	20°, 17%, 85%
XYZ	55.4068, 55.5935, 50.9904
YIQ	197.8080, 18.1560, 1.3560

Conversions

Conversions Part 2

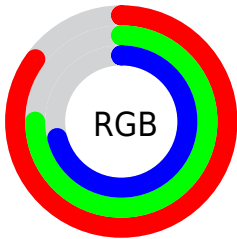
Format	Color
RYB	216, 198, 180
Decimal	14205108
CIELab	79.38, 6.55, 9.14
CIELCh	79, 11.245, 54.362
Yxy	55.5935, 0.3420, 0.3432
Android (android.graphics.Color)	4292395188 (0xFFD8C0B4)
YUV	197.8080, -8.7793, 15.9544
Hunter-Lab	74.5610, 2.1627, 11.6458

Details

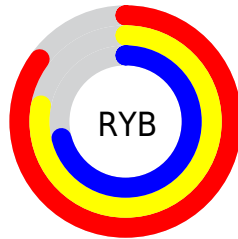
The XYZ color **55.4068, 55.5935, 50.9904** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8097, 57.8457, 73.3483**, and the grayscale version is **53.6051, 56.3967, 61.4160**.

A 20% lighter version of the original color is **89.9477, 94.4509, 92.8470**, and **27.7613, 27.5746, 23.9379** is the 20% darker color. If you saturate the color by 10%, you get **50.3677, 48.7664, 39.2874**, and if you desaturate by 10%, it is **61.1011, 63.1813, 64.6049**.

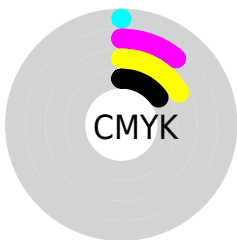
Distribution



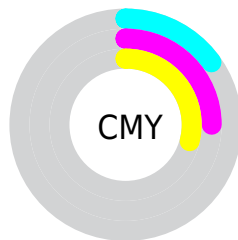
- Red (85%)
- Green (75%)
- Blue (71%)



- Red (85%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4068, 55.5935, 50.9904 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 55.4068, 55.5935, 50.9904 by changing the saturation by 10% instead.


 55.4068, 55.5935,
50.9904

 55.4068, 55.5935,
50.9904


397.5635,
408.1578, 407.3720

 39.9626, 39.8771,
35.8243


 97.2816, 98.4100,
93.0519

 27.6935, 27.4427,
24.0099


124.4429,
126.2789, 120.7845

 18.2340, 17.9060,
15.1287


156.2407,
158.9673, 153.5428

 11.2188, 10.8825,
8.7621

193.0402,
196.8598, 191.7457

 6.2826, 5.9879,
4.4917

235.2069,
240.3407, 235.8114

 3.0600, 2.8377,
1.8988

283.1061,

 1.1855, 1.0476,

289.7944, 286.1587

0.4919

337.1032,
345.6053, 343.2061

■ 0.0949, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4068, 55.5935,
50.9904

■ 55.4068, 55.5935,
50.9904

■ 50.3677, 48.7664,
39.2874

■ 61.1011, 63.1813,
64.6049

■ 45.9548, 42.6685,
29.4060

■ 67.4695, 71.5453,
80.2083

■ 42.1430, 37.2770,
21.2544

■ 74.5354, 80.7098,
97.8777

■ 38.9042, 32.5651,
14.7313

■ 80.4293, 89.9394,
107.7287

■ 36.2074, 28.5040,
9.7245

■ 82.1292, 93.3391,
108.2953

■ 34.0185, 25.0626,
6.1078

■ 32.2985, 22.2069,
3.7336

■ 31.0002, 19.8980,
2.4136

■ 30.6381, 19.2369,
2.0983

Harmonies

Analogous

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



56.8890, 55.5935, 55.5528



55.4068, 55.5935, 50.9904



53.2671, 55.5935, 48.9962

Triad

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



55.4068, 55.5935, 50.9904



48.6414, 55.5935, 59.3200



54.6487, 55.5935, 72.5631

Complementary

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



55.4068, 55.5935, 50.9904



52.8097, 57.8457, 73.3483

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.



52.4151, 55.5935, 73.7494



55.4068, 55.5935, 50.9904



48.9877, 55.5935, 65.7999

Square

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



55.4068, 55.5935, 50.9904



49.3939, 55.5935, 53.5810



50.3536, 55.5935, 71.1950



56.4427, 55.5935, 68.0593

Rectangle

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



55.4068, 55.5935, 50.9904



51.7718, 55.5935, 49.2816



50.3536, 55.5935, 71.1950



53.9227, 55.5935, 73.3759

Sweetspot

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



55.4083, 55.5960, 50.9916



90.4131, 93.9028, 97.5612



55.5399, 51.6019, 64.1603



19.2170, 19.9207, 20.5538



0.0000, 0.0000, 0.0000



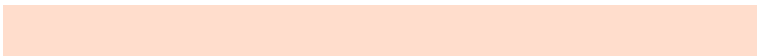
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4083, 55.5960, 50.9916



77.9970, 77.3355, 67.9431



59.6043, 63.9881, 52.3903



12.7582, 13.0906, 13.0150



18.2235, 11.5643, 1.2716



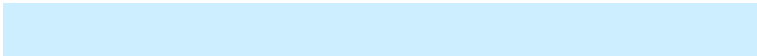
1.1742, 0.8476, 0.1017

Inverse Universe

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



52.8097, 57.8457, 73.3483



73.5247, 81.2031, 106.4064



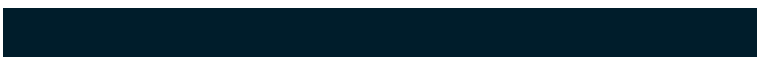
48.7767, 49.7798, 72.0040



12.4271, 13.3777, 15.8647



13.3403, 14.9424, 40.6342



0.8793, 1.0506, 2.4758

Previews

White Background



This preview shows how the XYZ color 55.4068, 55.5935, 50.9904 looks on a white background.

Color Contrast Check

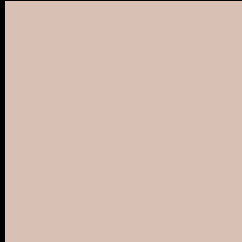
Large Text (above 18pt) WCAG AA × Fail

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 55.4068, 55.5935, 50.9904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

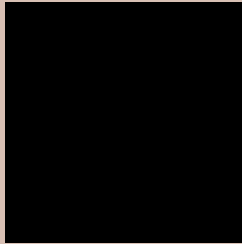
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4068, 55.5935, 50.9904

Background



This preview shows how black text looks on a background with the XYZ color 55.4068, 55.5935, 50.9904.



This preview shows how white text looks on a background with the XYZ color 55.4068, 55.5935,

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

55.4068, 55.5935, 50.9904

Protanopia

53.0853, 55.6946, 52.2082

Deuteranopia

56.7759, 55.6518, 50.9295



Tritanopia

58.1905, 55.7671, 64.1971

Trichromacy



Original Color

55.4068, 55.5935, 50.9904

Protanomaly

53.8680, 55.7763, 51.6428

Deuteranomaly

56.3842, 55.7725, 50.9734

Tritanomaly

57.1772, 55.6725, 59.3621

Monochromacy



Original Color

55.4068, 55.5935, 50.9904

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.3207, 56.2206, 57.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4068, 55.5935, 50.9904 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(216, 192, 180) looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 180)  
}
```

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(216, 192, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.4068, 55.5935, 50.9904 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(216, 192, 180) }
```


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

```
.border{ border-color:rgb(216, 192, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 180);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4068, 55.5935, 50.9904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 180) }
```

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

```
.background{ background-color: rgb(216,  
192, 180) }
```

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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