

Converting Colors

XYZ(56.4045, 57.1854, 55.4198)

Have a look what the booklet for
XYZ(56.4045, 57.1854, 55.4198)
contains.

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Color

**XYZ(56.5486, 57.4068,
55.6771)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C4BC
RGB	214, 196, 188
RGB Percent	84%, 77%, 74%
CMY	0.1608, 0.2314, 0.2627
CMYK	0.00, 0.08, 0.12, 0.16
HSL	18°, 24%, 79%
HSV	18°, 12%, 84%
XYZ	56.5486, 57.4068, 55.6771
YIQ	200.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

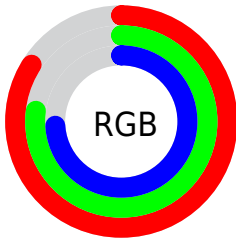
Format	Color
R _Y B	214, 200, 188
Decimal	14075068
CIE Lab	80.41, 4.98, 6.29
CIE LCh	80, 8.021, 51.625
Yxy	57.4068, 0.3334, 0.3384
Android (android.graphics.Color)	4292265148 (0xFFD6C4BC)
YUV	200.4700, -6.1477, 11.8658
Hunter-Lab	75.7673, 0.6300, 9.4682

Details

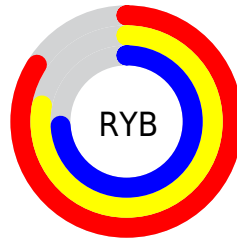
The XYZ color **56.5486, 57.4068, 55.6771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9478, 59.6880, 72.2439**, and the grayscale version is **55.2218, 58.0977, 63.2683**.

A 20% lighter version of the original color is **92.6944, 98.0422, 99.6265**, and **28.3443, 28.4662, 26.9223** is the 20% darker color. If you saturate the color by 10%, you get **51.2332, 50.1978, 43.3551**, and if you desaturate by 10%, it is **62.5392, 65.4175, 69.9132**.

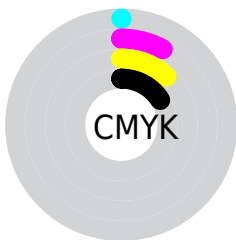
Distribution



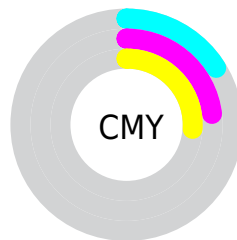
- Red (84%)
- Green (77%)
- Blue (74%)



- Red (84%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5486, 57.4068, 55.6771 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 56.5486, 57.4068, 55.6771 by changing the saturation by 10% instead.


 56.5486, 57.4068,
55.6771

 56.5486, 57.4068,
55.6771


401.7973,
414.9719, 425.8276

 40.8817, 41.3319,
39.5418


 98.9414, 101.0585,
100.0134

 28.4139, 28.5785,
26.8704


126.3980,
129.4042, 129.0515

 18.7799, 18.7622,
17.2444


158.5151,
162.6089, 163.2276

 11.6144, 11.4986,
10.2451

195.6583,
201.0570, 202.9603

 6.5520, 6.4033,
5.4540

238.1927,
245.1330, 248.6681

 3.2274, 3.0918,
2.4527

286.4837,

 1.2751, 1.1798,

295.2212, 300.7696

0.8149

340.8968,
351.7060, 359.6832

■ 0.1645, 0.0452,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5486, 57.4068,
55.6771

■ 56.5486, 57.4068,
55.6771

■ 51.2332, 50.1978,
43.3551

■ 62.5392, 65.4175,
69.9132

■ 46.5637, 43.7578,
32.8614

■ 69.2234, 74.2462,
86.1369

■ 42.5156, 38.0630,
24.1090

■ 76.6249, 83.9181,
104.4224

■ 39.0610, 33.0855,
17.0023

■ 81.5419, 93.0363,
108.2678

■ 36.1697, 28.7956,
11.4365

■ 33.8083, 25.1611,
7.2945

■ 31.9398, 22.1472,
4.4422

■ 30.5209, 19.7150,
2.7189

■ 29.6729, 18.1785,
1.9449

Harmonies

Analogous

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



57.5538, 57.4068, 59.2304



56.5486, 57.4068, 55.6771



55.0250, 57.4068, 53.9743

Triad

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



56.5486, 57.4068, 55.6771



51.4968, 57.4068, 61.1974



55.7362, 57.4068, 71.3015

Complementary

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



56.5486, 57.4068, 55.6771



54.9478, 59.6880, 72.2439

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.



54.1045, 57.4068, 71.8931



56.5486, 57.4068, 55.6771



51.6785, 57.4068, 65.9007

Square

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



56.5486, 57.4068, 55.6771



52.1237, 57.4068, 57.0551



52.6253, 57.4068, 69.8722



57.0782, 57.4068, 68.2940

Rectangle

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



56.5486, 57.4068, 55.6771



53.9292, 57.4068, 54.0551



52.6253, 57.4068, 69.8722



55.2026, 57.4068, 71.7953

Sweetspot

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



56.5502, 57.4093, 55.6783



91.2398, 94.9382, 99.7423



56.8804, 54.7293, 66.0866



19.3797, 20.1217, 20.9918



0.0000, 0.0000, 0.0000



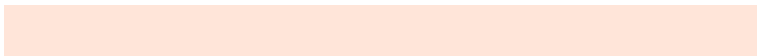
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5502, 57.4093, 55.6783



81.6199, 82.0328, 77.0074



59.5608, 63.4306, 56.6819



12.7320, 13.0381, 13.0063



18.0166, 11.1505, 1.2027



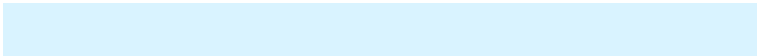
1.1594, 0.8179, 0.0968

Inverse Universe

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



54.9478, 59.6880, 72.2439



78.7090, 86.1695, 107.0917



51.9916, 53.7756, 71.2585



12.4546, 13.4327, 15.8739



13.8450, 15.9518, 40.8024



0.9069, 1.1058, 2.4850

Previews

White Background



This preview shows how the XYZ color 56.5486, 57.4068, 55.6771 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 56.5486, 57.4068, 55.6771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

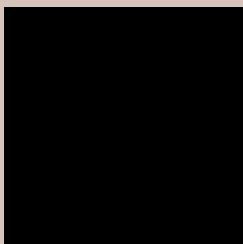
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

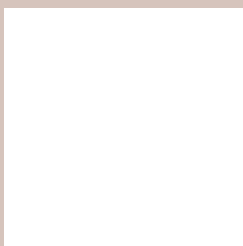
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5486, 57.4068, 55.6771

Background



This preview shows how black text looks on a background with the XYZ color 56.5486, 57.4068, 55.6771.



This preview shows how white text looks on a background with the XYZ color 56.5486, 57.4068,

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

56.5486, 57.4068, 55.6771

Protanopia

54.7856, 57.5001, 56.3552

Deuteranopia

58.6867, 57.5020, 56.1500



Tritanopia

59.0704, 57.4457, 67.6493

Trichromacy



Original Color

56.5486, 57.4068, 55.6771

Protanomaly

55.3918, 57.4722, 56.3179

Deuteranomaly

57.9923, 57.4733, 56.1811

Tritanomaly

58.1533, 57.3995, 63.2726

Monochromacy



Original Color

56.5486, 57.4068, 55.6771

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.5641, 57.8115, 60.4547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5486, 57.4068, 55.6771 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(214, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 188)  
}
```

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(214, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 188) }
```

Border

The CSS property to change the border of an element to XYZ 56.5486, 57.4068, 55.6771 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(214, 196, 188) }
```


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

```
.border{ border-color:rgb(214, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5486, 57.4068, 55.6771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 188) }
```

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

```
.background{ background-color: rgb(214,  
196, 188) }
```

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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