

Converting Colors

XYZ(55.0740, 57.7149, 51.9865)

Have a look what the booklet for
XYZ(55.0740, 57.7149, 51.9865)
contains.

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Color

**XYZ(55.0584, 57.7384,
51.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C7B5
RGB	209, 199, 181
RGB Percent	82%, 78%, 71%
CMY	0.1804, 0.2196, 0.2902
CMYK	0.00, 0.05, 0.13, 0.18
HSL	39°, 23%, 76%
HSV	39°, 13%, 82%
XYZ	55.0584, 57.7384, 51.9588
YIQ	199.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

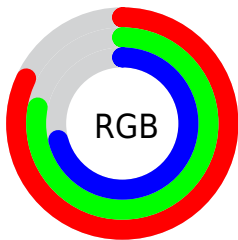
Format	Color
R_{YB}	197, 209, 181
Decimal	13748149
CIE _{Lab}	80.59, 0.45, 10.25
CIE _{LCh}	81, 10.260, 87.463
Yxy	57.7384, 0.3342, 0.3504
Android (android.graphics.Color)	4291938229 (0xFFD1C7B5)
YUV	199.9380, -9.3364, 7.9474
Hunter-Lab	75.9858, -3.6361, 12.6478

Details

The XYZ color **55.0584, 57.7384, 51.9588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1952, 51.6877, 67.7059**, and the grayscale version is **54.9135, 57.7733, 62.9151**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **27.3481, 28.6793, 24.5163** is the 20% darker color. If you saturate the color by 10%, you get **51.3984, 53.5965, 40.9404**, and if you desaturate by 10%, it is **59.1274, 62.1825, 64.7021**.

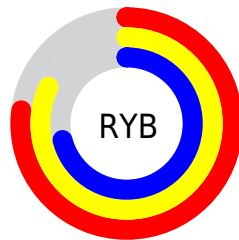
Distribution



Red (82%)

Green (78%)

Blue (71%)



Red (77%)

Yellow (82%)

Blue (71%)

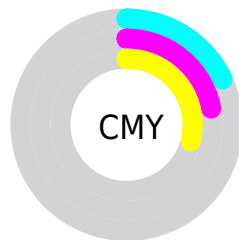


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (18%)



Cyan (18%)

Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0584, 57.7384, 51.9588 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 55.0584, 57.7384, 51.9588 by changing the saturation by 10% instead.

■ 55.0584, 57.7384,
51.9588

■ 55.0584, 57.7384,
51.9588

396.2661,
416.2104, 411.2300

■ 39.6825, 41.5984,
36.5902

■ 96.7743, 101.5418,
94.4964

■ 27.4742, 28.7869,
24.5971

123.8451,
129.9740, 122.5026

■ 18.0681, 18.9197,
15.5608

155.5449,
163.2723, 155.5583

■ 11.0989, 11.6123,
9.0630

192.2390,
201.8212, 194.0822

■ 6.2012, 6.4802,
4.6849

234.2928,
246.0051, 238.4928

■ 3.0096, 3.1392,
2.0081

282.0717,

■ 1.1588, 1.2049,

296.2083, 289.2086

0.5603

335.9410,
352.8153, 346.6481

■ 0.0735, 0.0657,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0584, 57.7384,
51.9588

■ 55.0584, 57.7384,
51.9588

■ 51.3984, 53.5965,
40.9404

■ 59.1274, 62.1825,
64.7021

■ 48.1274, 49.7409,
31.5677

■ 63.6154, 66.9288,
79.2376

■ 45.2302, 46.1658,
23.7606

■ 68.5377, 71.9872,
95.6333

■ 42.6891, 42.8619,
17.4308

■ 72.3224, 76.7308,
105.6065

■ 40.4842, 39.8193,
12.4813

■ 74.4296, 80.9453,
106.3089

■ 38.5938, 37.0272,
8.8033

■ 76.6267, 85.3394,
107.0412

■ 36.9928, 34.4734,
6.2712

■ 78.9146, 89.9153,
107.8039

■ 35.6512, 32.1437,
4.7338

■ 80.1047, 92.2954,
108.2006

■ 34.8738, 30.7136,
4.0903

Harmonies

Analogous

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



57.0898, 57.7384, 53.5713



55.0584, 57.7384, 51.9588



53.0287, 57.7384, 53.1104

Triad

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



55.0584, 57.7384, 51.9588



51.3567, 57.7384, 68.3797



58.3706, 57.7384, 69.3263

Complementary

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



55.0584, 57.7384, 51.9588



49.1952, 51.6877, 67.7059

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.



56.7711, 57.7384, 73.7515



55.0584, 57.7384, 51.9588



52.7252, 57.7384, 73.1809

Square

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



55.0584, 57.7384, 51.9588



50.9243, 57.7384, 62.3544



54.6992, 57.7384, 75.2048



59.0325, 57.7384, 63.3830

Rectangle

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



55.0584, 57.7384, 51.9588



51.9430, 57.7384, 55.3343



54.6992, 57.7384, 75.2048



57.9228, 57.7384, 71.0547

Sweetspot

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



55.0600, 57.7410, 51.9600



92.3003, 97.0591, 100.0957



52.2523, 50.3772, 56.4147



19.6480, 20.6581, 21.0812



0.0000, 0.0000, 0.0000



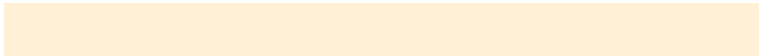
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0600, 57.7410, 51.9600



84.6914, 88.7018, 76.4098



56.3919, 61.9547, 52.7032



12.4336, 13.0579, 12.4772



21.5981, 19.1292, 2.5540



1.2811, 1.2166, 0.1673

Inverse Universe

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



49.1952, 51.6877, 67.7059



73.7943, 77.4550, 105.6687



47.9765, 47.9332, 67.0454



11.5041, 12.0985, 14.9726



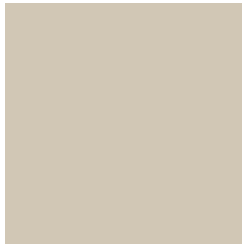
8.7160, 6.0786, 37.9064



0.5615, 0.4882, 2.1442

Previews

White Background



This preview shows how the XYZ color 55.0584, 57.7384, 51.9588 looks on a white background.

Color Contrast Check

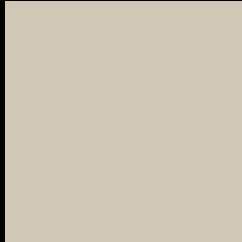
Large Text (above 18pt) WCAG AA × Fail

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 55.0584, 57.7384, 51.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

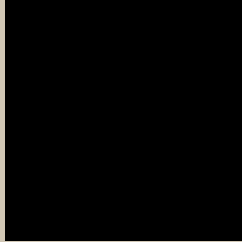
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0584, 57.7384, 51.9588

Background



This preview shows how black text looks on a background with the XYZ color 55.0584, 57.7384, 51.9588.

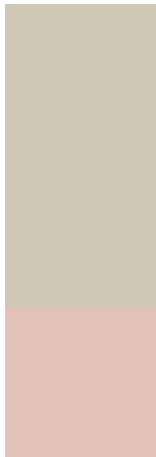


This preview shows how white text looks on a background with the XYZ color 55.0584, 57.7384,

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

55.0584, 57.7384, 51.9588

Protanopia

54.7763, 57.5929, 51.9456

Deuteranopia

58.8775, 57.6861, 52.2873



Tritanopia

58.5885, 57.8295, 69.0470

Trichromacy



Original Color

55.0584, 57.7384, 51.9588

Protanomaly

54.7763, 57.5929, 51.9456

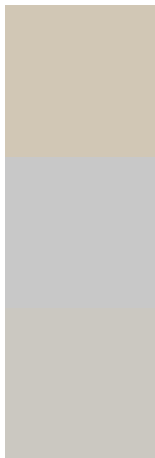
Deuteranomaly

57.4738, 57.6233, 52.3492

Tritanomaly

57.2001, 57.6004, 62.1361

Monochromacy



Original Color

55.0584, 57.7384, 51.9588

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9085, 57.8553, 58.7253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0584, 57.7384, 51.9588 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, 199, 181)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 181)  
}
```

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, 199, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.0584, 57.7384, 51.9588 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, 199, 181) }
```


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

```
.border{ border-color:rgb(209, 199, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 181);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0584, 57.7384, 51.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 181) }
```

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

```
.background{ background-color: rgb(209,  
199, 181) }
```

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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