

Converting Colors

XYZ(57.8346, 56.6813, 54.4339)

Have a look what the booklet for
XYZ(57.8346, 56.6813, 54.4339)
contains.

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Color

**XYZ(57.8368, 56.7740,
54.3645)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC0BA
RGB	222, 192, 186
RGB Percent	87%, 75%, 73%
CMY	0.1294, 0.2470, 0.2706
CMYK	0.00, 0.14, 0.16, 0.13
HSL	10°, 35%, 80%
HSV	10°, 16%, 87%
XYZ	57.8368, 56.7740, 54.3645
YIQ	200.2860, 19.8060, 4.4940

Conversions

Conversions Part 2

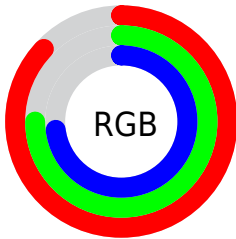
Format	Color
RYB	222, 193, 186
Decimal	14598330
CIELab	80.05, 9.68, 6.94
CIELCh	80, 11.913, 35.643
Yxy	56.7740, 0.3423, 0.3360
Android (android.graphics.Color)	4292788410 (0xFFDEC0BA)
YUV	200.2860, -7.0430, 19.0432
Hunter-Lab	75.3485, 5.1550, 9.9658

Details

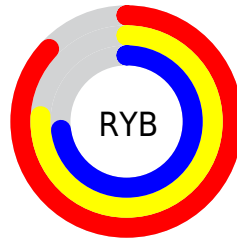
The XYZ color **57.8368, 56.7740, 54.3645** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.9901, 64.8235, 78.5637**, and the grayscale version is **55.1107, 57.9808, 63.1411**.

A 20% lighter version of the original color is **90.8344, 94.8056, 97.5162**, and **29.4026, 28.3742, 26.1174** is the 20% darker color. If you saturate the color by 10%, you get **51.8485, 48.2851, 41.6152**, and if you desaturate by 10%, it is **64.7054, 66.4356, 69.2176**.

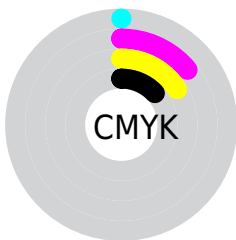
Distribution



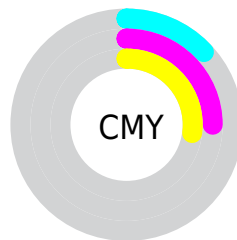
- Red (87%)
- Green (75%)
- Blue (73%)



- Red (87%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8368, 56.7740, 54.3645 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 57.8368, 56.7740, 54.3645 by changing the saturation by 10% instead.

 57.8368, 56.7740,
54.3645

 57.8368, 56.7740,
54.3645


406.5412,
412.6019, 420.7123

 41.9202, 40.8238,
38.4980


 100.8095,
100.1353, 98.0710

 29.2297, 28.1814,
26.0646


128.5963,
128.3153, 126.7481

 19.3998, 18.4625,
16.6458


161.0706,
161.3407, 160.5325

 12.0652, 11.2825,
9.8230

198.5977,
199.5958, 199.8426

 6.8606, 6.2572,
5.1777

241.5429,
243.4651, 245.0972

 3.4206, 3.0021,
2.2913

290.2717,

 1.3799, 1.1328,

293.3329, 296.7146

0.7264

345.1493,
349.5837, 355.1135

■ 0.2418, 0.0058,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8368, 56.7740,
54.3645

■ 57.8368, 56.7740,
54.3645

■ 51.8485, 48.2851,
41.6152

■ 64.7054, 66.4356,
69.2176

■ 46.7001, 40.9168,
30.8708

■ 72.4834, 77.3044,
86.2599

■ 42.3549, 34.6243,
22.0301

■ 81.2040, 89.4229,
105.5766

■ 38.7717, 29.3569,
14.9814

■ 83.9345, 94.2698,
108.3798

■ 35.9055, 25.0597,
9.6013

■ 33.7064, 21.6727,
5.7509

■ 32.1177, 19.1288,
3.2683

■ 31.0721, 17.3513,
1.9527

■ 30.7868, 16.8544,
1.6306

Harmonies

Analogous

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



58.7317, 56.7740, 60.5148



57.8368, 56.7740, 54.3645



55.9061, 56.7740, 50.4429

Triad

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



57.8368, 56.7740, 54.3645



49.8286, 56.7740, 56.4767



54.4213, 56.7740, 76.0665

Complementary

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



57.8368, 56.7740, 54.3645



57.9901, 64.8235, 78.5637

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.



52.0635, 56.7740, 74.7845



57.8368, 56.7740, 54.3645



49.4578, 56.7740, 63.1382

Square

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



57.8368, 56.7740, 54.3645



51.2928, 56.7740, 51.5970



50.2642, 56.7740, 69.9217



56.7222, 56.7740, 73.3051

Rectangle

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



57.8368, 56.7740, 54.3645



54.3167, 56.7740, 49.4463



50.2642, 56.7740, 69.9217



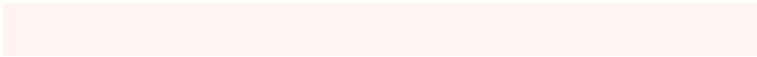
53.6088, 56.7740, 76.0965

Sweetspot

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



57.8384, 56.7765, 54.3657



89.7687, 92.6140, 97.3464



60.0785, 55.6061, 72.5330



19.0608, 19.6083, 20.5018



0.0000, 0.0000, 0.0000



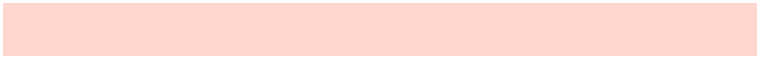
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8384, 56.7765, 54.3657



76.6539, 74.1558, 69.0169



62.0344, 65.1687, 55.7644



13.8910, 14.0680, 14.2900



18.3410, 10.1200, 0.9867



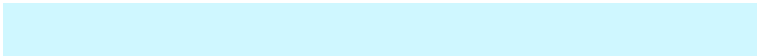
1.3280, 0.8148, 0.0873

Inverse Universe

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



57.9901, 64.8235, 78.5637



76.8928, 86.8931, 107.3271



53.6293, 56.1020, 77.1101



13.9118, 15.1628, 17.5812



18.2041, 23.8777, 44.6978



1.3142, 1.7598, 3.1156

Previews

White Background



This preview shows how the XYZ color 57.8368, 56.7740, 54.3645 looks on a white background.

Color Contrast Check

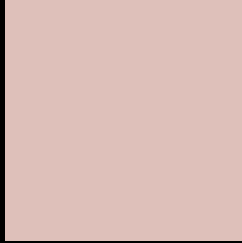
Large Text (above 18pt) WCAG AA × Fail

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 57.8368, 56.7740, 54.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

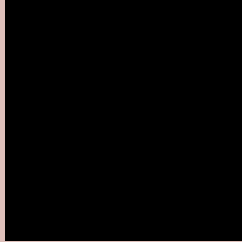
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8368, 56.7740, 54.3645

Background



This preview shows how black text looks on a background with the XYZ color 57.8368, 56.7740, 54.3645.



This preview shows how white text looks on a background with the XYZ color 57.8368, 56.7740,

54.3645.

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

57.8368, 56.7740, 54.3645

Protanopia

54.2812, 56.8997, 56.2659

Deuteranopia

58.1440, 56.9324, 54.3789



Tritanopia

59.8371, 56.6021, 64.8983

Trichromacy



Original Color

57.8368, 56.7740, 54.3645

Protanomaly

55.6810, 56.9596, 55.6365

Deuteranomaly

58.1440, 56.9324, 54.3789

Tritanomaly

58.9229, 56.5461, 60.6322

Monochromacy



Original Color

57.8368, 56.7740, 54.3645

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8290, 57.2825, 59.7439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8368, 56.7740, 54.3645 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(222, 192, 186) looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 186)  
}
```

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(222, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 186) }
```

Border

The CSS property to change the border of an element to XYZ 57.8368, 56.7740, 54.3645 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(222, 192, 186) }
```


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

```
.border{ border-color:rgb(222, 192, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 192, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 192, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 192,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8368, 56.7740, 54.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 192, 186) }
```

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

```
.background{ background-color: rgb(222,  
192, 186) }
```

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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