

Converting Colors

XYZ(57.5702, 56.2113, 46.9418)

Have a look what the booklet for
XYZ(57.5702, 56.2113, 46.9418)
contains.

XYZ(57.5384, 56.1364, 46.8325)	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(57.5384, 56.1364,
46.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BEAC
RGB	227, 190, 172
RGB Percent	89%, 75%, 67%
CMY	0.1098, 0.2549, 0.3255
CMYK	0.00, 0.16, 0.24, 0.11
HSL	20°, 50%, 78%
HSV	20°, 24%, 89%
XYZ	57.5384, 56.1364, 46.8325
YIQ	199.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

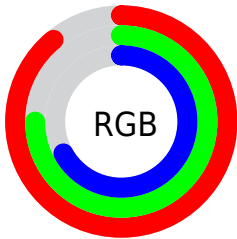
Format	Color
RYB	227, 199, 172
Decimal	14925484
CIELab	79.69, 10.51, 14.01
CIELCh	80, 17.516, 53.139
Yxy	56.1364, 0.3585, 0.3497
Android (android.graphics.Color)	4293115564 (0xFFE3BEAC)
YUV	199.0110, -13.3164, 24.5464
Hunter-Lab	74.9242, 5.9625, 15.3869

Details

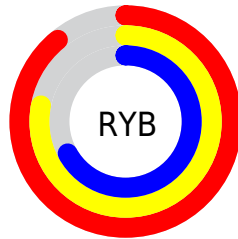
The XYZ color **57.5384, 56.1364, 46.8325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.6782, 59.9159, 81.4091**, and the grayscale version is **54.3611, 57.1921, 62.2822**.

A 20% lighter version of the original color is **88.0609, 92.7176, 85.9280**, and **29.1304, 27.9053, 21.6202** is the 20% darker color. If you saturate the color by 10%, you get **52.4064, 49.0681, 35.2691**, and if you desaturate by 10%, it is **63.3924, 64.0518, 60.4751**.

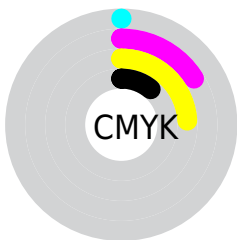
Distribution



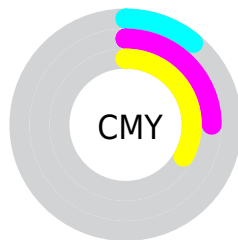
- Red (89%)
- Green (75%)
- Blue (67%)



- Red (89%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5384, 56.1364, 46.8325 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 57.5384, 56.1364, 46.8325 by changing the saturation by 10% instead.


 57.5384, 56.1364,
46.8325

 57.5384, 56.1364,
46.8325


405.4453,
410.2053, 390.5199

 41.6795, 40.3123,
32.5499


 100.3772, 99.2040,
86.8109

 29.0404, 27.7821,
21.5135


128.0878,
127.2162, 113.3438

 19.2558, 18.1615,
13.3050


160.4796,
160.0600, 144.7971

 11.9604, 11.0660,
7.5057

197.9181,
198.1197, 181.5894

 6.7887, 6.1112,
3.6971

240.7686,
241.7797, 224.1394

 3.3755, 2.9128,
1.4607

289.3963,

 1.3553, 1.0864,

291.4243, 272.8654

0.1884

344.1668,
347.4381, 328.1861

■ 0.2240, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5384, 56.1364,
46.8325

■ 57.5384, 56.1364,
46.8325

■ 52.4064, 49.0681,
35.2691

■ 63.3924, 64.0518,
60.4751

■ 47.9622, 42.8103,
25.6781

■ 69.9915, 72.8339,
76.2892

■ 44.1757, 37.3352,
17.9485

■ 77.3635, 82.5114,
94.3660

■ 41.0124, 32.6101,
11.9570

■ 84.2514, 92.5964,
108.0401

■ 38.4343, 28.5998,
7.5648

■ 85.4887, 95.0709,
108.4525

■ 36.3985, 25.2660,
4.6116

■ 34.8546, 22.5656,
2.9028

■ 34.1482, 21.2701,
2.3057

Harmonies

Analogous

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



59.8540, 56.1364, 53.7875



57.5384, 56.1364, 46.8325



54.1721, 56.1364, 43.7604

Triad

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



57.5384, 56.1364, 46.8325



46.8876, 56.1364, 58.8268



56.0720, 56.1364, 80.8292

Complementary

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



57.5384, 56.1364, 46.8325



53.6782, 59.9159, 81.4091

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.



52.5481, 56.1364, 82.5603



57.5384, 56.1364, 46.8325



47.3461, 56.1364, 69.0969

Square

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



57.5384, 56.1364, 46.8325



48.0999, 56.1364, 50.1728



49.3813, 56.1364, 78.0597



58.9816, 56.1364, 73.5607

Rectangle

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



57.5384, 56.1364, 46.8325



51.8256, 56.1364, 44.0574



49.3813, 56.1364, 78.0597



54.9162, 56.1364, 82.1087

Sweetspot

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



57.5399, 56.1390, 46.8337



88.5966, 91.4804, 93.2237



58.0125, 50.4690, 67.3853



18.8492, 19.4291, 19.6790



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.



57.5399, 56.1390, 46.8337



71.4787, 68.3845, 53.1752



63.9167, 68.8926, 48.9593



14.7604, 15.1347, 15.0478



20.0100, 12.5942, 1.3763



1.5610, 1.0953, 0.1291

Inverse Universe

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



53.6782, 59.9159, 81.4091



65.6355, 74.0852, 105.4483



47.6240, 47.8074, 79.3910



14.3890, 15.4994, 18.3776



14.8107, 16.6834, 44.8228



1.1783, 1.4006, 3.3402

Previews

White Background



This preview shows how the XYZ color 57.5384, 56.1364, 46.8325 looks on a white background.

Color Contrast Check

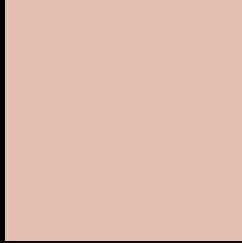
Large Text (above 18pt) WCAG AA × Fail

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 57.5384, 56.1364, 46.8325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

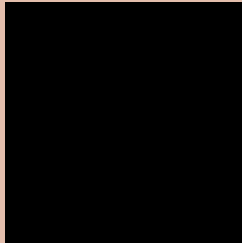
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5384, 56.1364, 46.8325

Background



This preview shows how black text looks on a background with the XYZ color 57.5384, 56.1364, 46.8325.



This preview shows how white text looks on a background with the XYZ color 57.5384, 56.1364,

46.8325.

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

57.5384, 56.1364, 46.8325

Protanopia

53.2563, 56.1889, 49.1129

Deuteranopia

57.2239, 55.9742, 46.8178



Tritanopia

60.6174, 56.1109, 62.2792

Trichromacy



Original Color

57.5384, 56.1364, 46.8325

Protanomaly

54.7612, 55.9749, 48.4754

Deuteranomaly

57.2239, 55.9742, 46.8178

Tritanomaly

59.3777, 55.9164, 56.3786

Monochromacy



Original Color

57.5384, 56.1364, 46.8325

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2197, 56.7093, 56.1797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5384, 56.1364, 46.8325 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(227, 190, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 190, 172)  
}
```

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(227, 190, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 190, 172) }
```

Border

The CSS property to change the border of an element to XYZ 57.5384, 56.1364, 46.8325 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(227, 190, 172) }
```


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

```
.border{ border-color:rgb(227, 190, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 190, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 190, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 190, 172);  
box-shadow:4px 4px 4px 4px rgb(227, 190,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5384, 56.1364, 46.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 190, 172) }
```

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

```
.background{ background-color: rgb(227,  
190, 172) }
```

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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