

Converting Colors

XYZ(56.4656, 50.4161, 46.3748)

Have a look what the booklet for
XYZ(56.4656, 50.4161, 46.3748)
contains.

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Color

**XYZ(56.4181, 50.3967,
46.2891)**

Conversions

Conversions Part 1

Format	Color
Hex	EAADAD
RGB	234, 173, 173
RGB Percent	92%, 68%, 68%
CMY	0.0824, 0.3215, 0.3216
CMYK	0.00, 0.26, 0.26, 0.08
HSL	0°, 59%, 80%
HSV	0°, 26%, 92%
XYZ	56.4181, 50.3967, 46.2891
YIQ	191.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

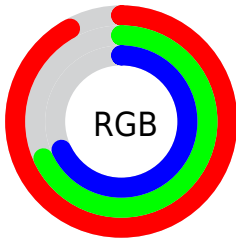
Format	Color
R _Y B	234, 173, 173
Decimal	15379885
CIE Lab	76.31, 22.31, 8.77
CIE LCh	76, 23.973, 21.469
Yxy	50.3967, 0.3685, 0.3292
Android (android.graphics.Color)	4293569965 (0xFFEAADAD)
YUV	191.2390, -8.9918, 37.5014
Hunter-Lab	70.9906, 17.6250, 11.0337

Details

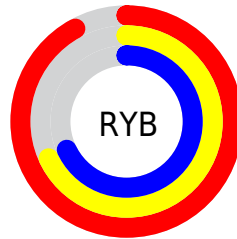
The XYZ color **56.4181, 50.3967, 46.2891** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.5068, 73.6682, 88.8199**, and the grayscale version is **49.6969, 52.2850, 56.9383**.

A 20% lighter version of the original color is **83.2629, 82.9001, 85.0117**, and **28.2991, 24.1605, 21.2611** is the 20% darker color. If you saturate the color by 10%, you get **50.2486, 41.3693, 34.0227**, and if you desaturate by 10%, it is **63.7726, 61.1587, 60.9080**.

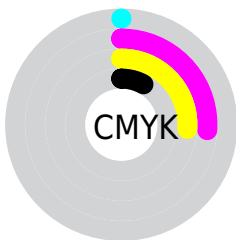
Distribution



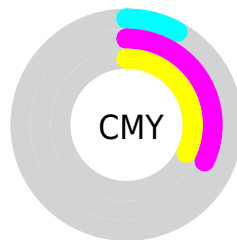
- Red (92%)
- Green (68%)
- Blue (68%)



- Red (92%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (26%)
- Yellow (26%)
- Black (8%)



- Cyan (8%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4181, 50.3967, 46.2891 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 56.4181, 50.3967, 46.2891 by changing the saturation by 10% instead.

56.4181, 50.3967,
46.2891

56.4181, 50.3967,
46.2891

401.3148,
388.2153, 388.2810

40.7766, 35.7287,
32.1237

98.7519, 90.7624,
85.9903

28.3314, 24.2247,
21.1904

126.1748,
117.2288, 112.3632

18.7174, 15.5004,
13.0707

158.2556,
148.3969, 143.6424

11.5690, 9.1713,
7.3459

195.3596,
184.6510, 180.2464

6.5210, 4.8531,
3.5977

237.8522,
226.3755, 222.5937

3.2081, 2.1613,
1.4073

286.0987,

1.2647, 0.6988,

273.9547, 271.1029

0.1474

340.4644,
327.7732, 326.1925

■ 0.1566, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4181, 50.3967,
46.2891

■ 56.4181, 50.3967,
46.2891

■ 50.2486, 41.3693,
34.0227

■ 63.7726, 61.1587,
60.9080

■ 45.1984, 33.9794,
23.9832

■ 72.3651, 73.7320,
77.9899

■ 41.2015, 28.1307,
16.0379

■ 82.2506, 88.1971,
97.6422

■ 38.1836, 23.7146,
10.0388

■ 87.7418, 96.2325,
108.5580

■ 36.0605, 20.6078,
5.8186

■ 34.7341, 18.6666,
3.1820

■ 34.0823, 17.7128,
1.8868

■ 33.9320, 17.4929,
1.5880

Harmonies

Analogous

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



56.9832, 50.3967, 58.6344



56.4181, 50.3967, 46.2891



53.4989, 50.3967, 37.6719

Triad

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



56.4181, 50.3967, 46.2891



41.4418, 50.3967, 40.8311



46.6277, 50.3967, 83.2294

Complementary

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



56.4181, 50.3967, 46.2891



61.5068, 73.6682, 88.8199

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.



42.7070, 50.3967, 76.6462



56.4181, 50.3967, 46.2891



39.8383, 50.3967, 51.2768

Square

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



56.4181, 50.3967, 46.2891



44.8010, 50.3967, 34.8813



40.2865, 50.3967, 64.4584



51.1398, 50.3967, 81.3348

Rectangle

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



56.4181, 50.3967, 46.2891



50.7052, 50.3967, 34.5608



40.2865, 50.3967, 64.4584



45.2013, 50.3967, 81.9015

Sweetspot

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



56.4195, 50.3991, 46.2901



85.7720, 86.4238, 90.4554



63.7270, 53.3206, 84.7754



18.0096, 17.9873, 18.6670



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.



56.4195, 50.3991, 46.2901



64.5882, 55.4260, 48.3425



62.9492, 63.4585, 48.4667



15.0656, 15.0542, 15.6304



19.0679, 9.8301, 0.8924



1.4973, 0.7720, 0.0701

Inverse Universe

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



61.5068, 73.6682, 88.8199



71.7013, 87.9604, 107.8067



53.5596, 57.7737, 86.1708



15.5176, 17.1217, 19.4092



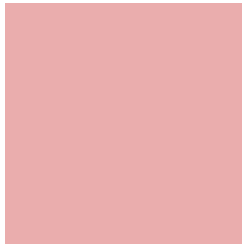
24.8769, 36.4007, 49.4579



1.9535, 2.8584, 3.8836

Previews

White Background



This preview shows how the XYZ color 56.4181, 50.3967, 46.2891 looks on a white background.

Color Contrast Check

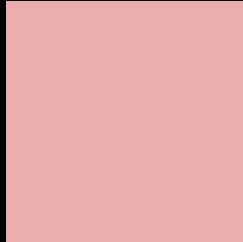
Large Text (above 18pt) WCAG AA × Fail

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 56.4181, 50.3967, 46.2891 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 56.4181, 50.3967, 46.2891

Background



This preview shows how black text looks on a background with the XYZ color 56.4181, 50.3967, 46.2891.



This preview shows how white text looks on a background with the XYZ color 56.4181, 50.3967,

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

56.4181, 50.3967, 46.2891

Protanopia

48.5718, 50.7720, 50.9560

Deuteranopia

51.5192, 50.5423, 45.5684



Tritanopia

57.4756, 50.2487, 52.0171

Trichromacy



Original Color

56.4181, 50.3967, 46.2891

Protanomaly

51.2639, 50.6366, 49.1914

Deuteranomaly

53.3853, 50.5909, 45.9810

Tritanomaly

57.2517, 50.4625, 49.9028

Monochromacy



Original Color

56.4181, 50.3967, 46.2891

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.5243, 51.0071, 52.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4181, 50.3967, 46.2891 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(234, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(234, 173, 173)  
}
```

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(234, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 56.4181, 50.3967, 46.2891 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(234, 173, 173) }
```


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

```
.border{ border-color:rgb(234, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(234, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4181, 50.3967, 46.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 173, 173) }
```

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

```
.background{ background-color: rgb(234,  
173, 173) }
```

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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