

Converting Colors

XYZ(46.9403, 38.1473, 38.5386)

Have a look what the booklet for
XYZ(46.9403, 38.1473, 38.5386)
contains.

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Color

**XYZ(46.9960, 38.0654,
38.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	E08FA1
RGB	224, 143, 161
RGB Percent	88%, 56%, 63%
CMY	0.1216, 0.4392, 0.3686
CMYK	0.00, 0.36, 0.28, 0.12
HSL	347°, 57%, 72%
HSV	347°, 36%, 88%
XYZ	46.9960, 38.0654, 38.5886
YIQ	169.2710, 42.4980, 22.7700

Conversions

Conversions Part 2

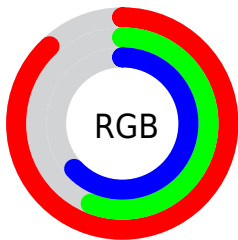
Format	Color
R_{YB}	224, 143, 161
Decimal	14716833
CIE _{Lab}	68.07, 33.01, 3.41
CIE _{LCh}	68, 33.187, 5.900
Yxy	38.0654, 0.3801, 0.3078
Android (android.graphics.Color)	4292906913 (0xFFE08FA1)
YUV	169.2710, -4.0776, 47.9973
Hunter-Lab	61.6972, 27.9971, 6.1050

Details

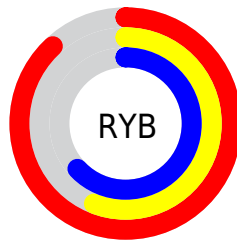
The XYZ color **46.9960, 38.0654, 38.5886** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1257, 63.6082, 68.0842**, and the grayscale version is **37.8520, 39.8232, 43.3675**.

A 20% lighter version of the original color is **73.8288, 66.6060, 73.9308**, and **22.4919, 16.8234, 16.8136** is the 20% darker color. If you saturate the color by 10%, you get **42.5320, 31.4272, 30.0410**, and if you desaturate by 10%, it is **52.3476, 46.1356, 48.4892**.

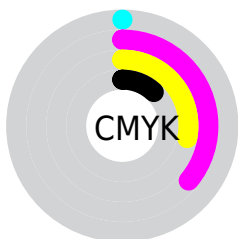
Distribution



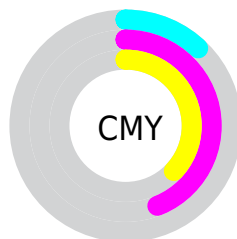
- Red (88%)
- Green (56%)
- Blue (63%)



- Red (88%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (36%)
- Yellow (28%)
- Black (12%)




- Cyan (12%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9960, 38.0654, 38.5886 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 46.9960, 38.0654, 38.5886 by changing the saturation by 10% instead.


 46.9960, 38.0654,
38.5886


 46.9960, 38.0654,
38.5886


365.4477,
337.9004, 355.5118

 33.2404, 26.0335,
26.1345


 84.9264, 72.2084,
74.2228

 22.4708, 16.8487,
16.6976


 109.8320, 95.0882,
98.2400

 14.3218, 10.1267,
9.8594


139.1849,
122.3527, 126.9486

 8.4280, 5.4830,
5.2015

173.3506,
154.3864, 160.7671

 4.4241, 2.5334,
2.3052

212.6944,
191.5736, 200.1142

 1.9448, 0.8933,
0.7341

257.5816,

 0.6026, 0.0000,

234.2988, 245.4083

0.0000

308.3776,
282.9463, 297.0680

0.0000, 0.0000,
0.0000

46.9960, 38.0654,
38.5886

46.9960, 38.0654,
38.5886

42.5320, 31.4272,
30.0410

52.3476, 46.1356,
48.4892

38.9034, 26.1316,
22.7844

58.6288, 55.7094,
59.7965

36.0576, 22.0878,
16.7552

65.8827, 66.8601,
72.5640

33.9339, 19.1914,
11.8831

74.1487, 79.6545,
86.8416

32.4629, 17.3205,
8.0904

83.4621, 94.1520,
102.6765

■ 31.5592, 16.3242,
5.2884

■ 84.5506, 94.5874,
108.4086

■ 31.3114, 16.0757,
4.4441

Harmonies

Analogous

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



46.0338, 38.0654, 54.1920



46.9960, 38.0654, 38.5886



44.8444, 38.0654, 26.8942

Triad

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



46.9960, 38.0654, 38.5886



30.6586, 38.0654, 22.3984



32.2709, 38.0654, 73.2440

Complementary

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



46.9960, 38.0654, 38.5886



49.1257, 63.6082, 68.0842

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.



28.7104, 38.0654, 60.4817



46.9960, 38.0654, 38.5886



27.8434, 38.0654, 30.8750

Square

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



46.9960, 38.0654, 38.5886



35.1678, 38.0654, 19.0884



27.1656, 38.0654, 44.4427



37.2115, 38.0654, 76.7038

Rectangle

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



46.9960, 38.0654, 38.5886



42.0441, 38.0654, 22.0597



27.1656, 38.0654, 44.4427



30.8883, 38.0654, 69.7727

Sweetspot

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



46.9970, 38.0672, 38.5894



83.4294, 82.0644, 88.6701



48.4828, 38.0221, 75.3051



17.5753, 17.1318, 18.4820



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.



46.9970, 38.0672, 38.5894



58.6474, 44.5093, 43.3876



49.0828, 44.5984, 32.0102



13.8313, 13.7502, 14.8818



18.2609, 9.3714, 2.7739



1.2993, 0.6630, 0.3690

Inverse Universe

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



46.9970, 38.0672, 38.5894



58.6474, 44.5093, 43.3876



45.9982, 53.6519, 78.4529



13.8313, 13.7502, 14.8818



18.2609, 9.3714, 2.7739



1.2993, 0.6630, 0.3690

Previews

White Background



This preview shows how the XYZ color 46.9960, 38.0654, 38.5886 looks on a white background.

Color Contrast Check

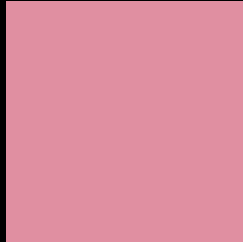
Large Text (above 18pt) WCAG AA × Fail

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 46.9960, 38.0654, 38.5886 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 46.9960, 38.0654, 38.5886

Background



This preview shows how black text looks on a background with the XYZ color 46.9960, 38.0654, 38.5886.



This preview shows how white text looks on a background with the XYZ color 46.9960, 38.0654,

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

46.9960, 38.0654, 38.5886

Protanopia

37.0315, 38.1817, 45.4624

Deuteranopia

39.1661, 38.3975, 37.6949



Tritanopia

46.3211, 38.0011, 35.9039

Trichromacy



Original Color

46.9960, 38.0654, 38.5886

Protanomaly

39.9574, 37.6699, 42.7011

Deuteranomaly

41.6330, 37.8938, 37.9208

Tritanomaly

46.4905, 38.0688, 36.7960

Monochromacy



Original Color

46.9960, 38.0654, 38.5886

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.4400, 38.7136, 41.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9960, 38.0654, 38.5886 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(224, 143, 161)` looks like.

```
.text, #text, p{  
    color:rgb(224, 143, 161)  
}
```

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(224, 143, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 143, 161) }
```

Border

The CSS property to change the border of an element to XYZ 46.9960, 38.0654, 38.5886 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(224, 143, 161) }
```


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

```
.border{ border-color:rgb(224, 143, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 143, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 143, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 143, 161);  
box-shadow:4px 4px 4px 4px rgb(224, 143,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9960, 38.0654, 38.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 143, 161) }
```

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

```
.background{ background-color: rgb(224,  
143, 161) }
```

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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