

Converting Colors

XYZ(49.3053, 38.8479, 34.7065)

Have a look what the booklet for
XYZ(49.3053, 38.8479, 34.7065)
contains.

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Color

**XYZ(49.4533, 38.9789,
34.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8D98
RGB	235, 141, 152
RGB Percent	92%, 55%, 60%
CMY	0.0784, 0.4470, 0.4039
CMYK	0.00, 0.40, 0.35, 0.08
HSL	353°, 70%, 74%
HSV	353°, 40%, 92%
XYZ	49.4533, 38.9789, 34.6230
YIQ	170.3600, 52.4930, 23.3490

Conversions

Conversions Part 2

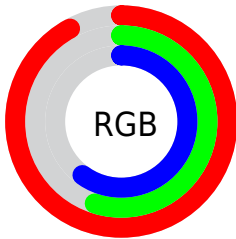
Format	Color
RYB	235, 141, 152
Decimal	15437208
CIELab	68.74, 36.91, 9.59
CIELCh	69, 38.134, 14.560
Yxy	38.9789, 0.4019, 0.3168
Android (android.graphics.Color)	4293627288 (0xFFEB8D98)
YUV	170.3600, -9.0515, 56.6893
Hunter-Lab	62.4331, 32.1321, 10.8232

Details

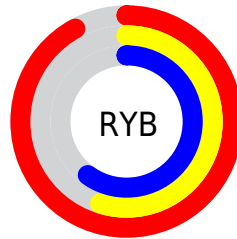
The XYZ color **49.4533, 38.9789, 34.6230** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.1492, 70.4620, 81.2713**, and the grayscale version is **38.4145, 40.4151, 44.0120**.

A 20% lighter version of the original color is **72.1205, 65.1961, 67.1755**, and **24.0528, 17.4315, 14.4088** is the 20% darker color. If you saturate the color by 10%, you get **44.7951, 32.1485, 25.4060**, and if you desaturate by 10%, it is **55.1461, 47.4022, 45.6526**.

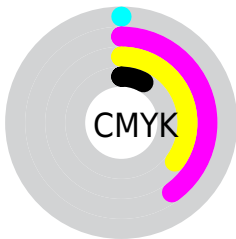
Distribution



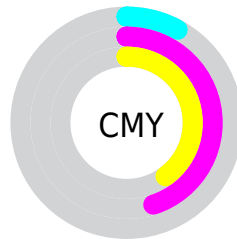
- Red (92%)
- Green (55%)
- Blue (60%)



- Red (92%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (8%)




- Cyan (8%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4533, 38.9789, 34.6230 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 49.4533, 38.9789, 34.6230 by changing the saturation by 10% instead.


 49.4533, 38.9789,
34.6230


 49.4533, 38.9789,
34.6230


375.0116,
341.8008, 337.7547


 35.1952, 26.7433,
23.0914


 88.5610, 73.6061,
68.0463

 23.9805, 17.3805,
14.4551


 114.1414, 96.7665,
90.7750

 15.4438, 10.5062,
8.2955

 144.2265,
124.3372, 118.0731

 9.2198, 5.7358,
4.1941

179.1818,
156.7028, 150.3593

 4.9431, 2.6851,
1.7324

219.3726,
194.2475, 188.0520

 2.2483, 0.9696,
0.3828

265.1642,

 0.7680, 0.0000,

237.3559, 231.5698

0.0000

316.9221,
286.4121, 281.3312

■ 0.0000, 0.0000,
0.0000

■ 49.4533, 38.9789,
34.6230

■ 49.4533, 38.9789,
34.6230

■ 44.7951, 32.1485,
25.4060

■ 55.1461, 47.4022,
45.6526

■ 41.1059, 26.8054,
17.9021

■ 61.9274, 57.5041,
58.5824

■ 38.3177, 22.8400,
12.0056

■ 69.8513, 69.3707,
73.4972

■ 36.3518, 20.1253,
7.5983

■ 78.9673, 83.0809,
90.4757

■ 35.1161, 18.5107,
4.5450

■ 88.0709, 96.4022,
108.5734

■ 34.4646, 17.7437,
2.6755

■ 34.4645, 17.7436,
2.6752

Harmonies

Analogous

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



49.3973, 38.9789, 51.9187



49.4533, 38.9789, 34.6230



45.9470, 38.9789, 23.1326

Triad

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



49.4533, 38.9789, 34.6230



29.4880, 38.9789, 22.8924



34.0438, 38.9789, 83.2119

Complementary

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



49.4533, 38.9789, 34.6230



54.1492, 70.4620, 81.2713

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.



29.3797, 38.9789, 70.2916



49.4533, 38.9789, 34.6230



26.9506, 38.9789, 34.1939

Square

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



49.4533, 38.9789, 34.6230



34.2070, 38.9789, 17.7167



26.9133, 38.9789, 51.3562



40.0427, 38.9789, 83.4193

Rectangle

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



49.4533, 38.9789, 34.6230



42.2601, 38.9789, 18.9481



26.9133, 38.9789, 51.3562



32.2836, 38.9789, 80.0827

Sweetspot

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



49.4543, 38.9808, 34.6238



82.0040, 80.3869, 84.5779



54.7888, 40.6533, 83.5564



17.2754, 16.7910, 17.5833



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.



49.4543, 38.9808, 34.6238



54.8329, 40.0297, 32.4063



54.4909, 50.4289, 32.0635



15.1371, 15.0827, 16.0074



19.2048, 9.8846, 1.6139



1.5316, 0.7856, 0.2508

Inverse Universe

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



49.4543, 38.9808, 34.6238



54.8329, 40.0297, 32.4063



46.7595, 53.2185, 86.4050



15.1371, 15.0827, 16.0074



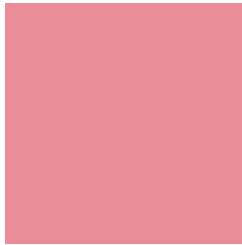
19.2048, 9.8846, 1.6139



1.5316, 0.7856, 0.2508

Previews

White Background



This preview shows how the XYZ color 49.4533, 38.9789, 34.6230 looks on a white background.

Color Contrast Check

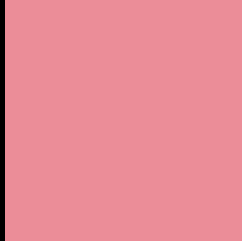
Large Text (above 18pt) WCAG AA × Fail

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 49.4533, 38.9789, 34.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

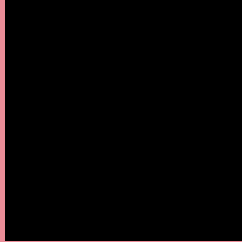
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.4533, 38.9789, 34.6230

Background



This preview shows how black text looks on a background with the XYZ color 49.4533, 38.9789, 34.6230.



This preview shows how white text looks on a background with the XYZ color 49.4533, 38.9789,

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

49.4533, 38.9789, 34.6230

Protanopia

37.4962, 39.0485, 41.6372

Deuteranopia

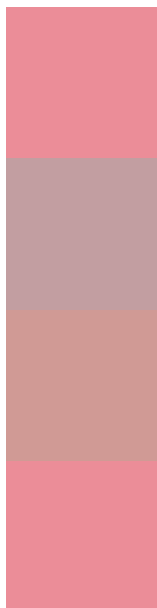
40.0039, 39.1852, 33.4721



Tritanopia

49.4533, 38.9789, 34.6230

Trichromacy



Original Color

49.4533, 38.9789, 34.6230

Protanomaly

40.9080, 38.4963, 38.9926

Deuteranomaly

42.9928, 38.6910, 33.6359

Tritanomaly

49.4533, 38.9789, 34.6230

Monochromacy



Original Color

49.4533, 38.9789, 34.6230

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.2571, 38.9100, 39.9862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4533, 38.9789, 34.6230 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(235, 141, 152)` looks like.

```
.text, #text, p{  
    color:rgb(235, 141, 152)  
}
```

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(235, 141, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 141, 152) }
```

Border

The CSS property to change the border of an element to XYZ 49.4533, 38.9789, 34.6230 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(235, 141, 152) }
```


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

```
.border{ border-color:rgb(235, 141, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 141, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 141, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 141, 152);  
box-shadow:4px 4px 4px 4px rgb(235, 141,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4533, 38.9789, 34.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 141, 152) }
```

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

```
.background{ background-color: rgb(235,  
141, 152) }
```

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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