

Converting Colors

XYZ(48.1994, 37.5750, 30.7371)

Have a look what the booklet for
XYZ(48.1994, 37.5750, 30.7371)
contains.

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Color

**XYZ(48.1645, 37.5367,
30.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	EB898F
RGB	235, 137, 143
RGB Percent	92%, 54%, 56%
CMY	0.0784, 0.4627, 0.4392
CMYK	0.00, 0.42, 0.39, 0.08
HSL	356°, 71%, 73%
HSV	356°, 42%, 92%
XYZ	48.1645, 37.5367, 30.6934
YIQ	166.9860, 56.4820, 22.6420

Conversions

Conversions Part 2

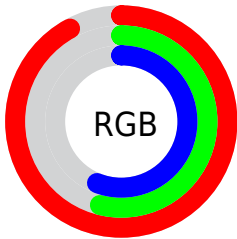
Format	Color
RYB	235, 137, 143
Decimal	15436175
CIELab	67.68, 37.95, 13.14
CIELCh	68, 40.156, 19.093
Yxy	37.5367, 0.4138, 0.3225
Android (android.graphics.Color)	4293626255 (0xFFEB898F)
YUV	166.9860, -11.8251, 59.6483
Hunter-Lab	61.2672, 33.1081, 13.1842

Details

The XYZ color **48.1645, 37.5367, 30.6934** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.1695, 70.3929, 84.8648**, and the grayscale version is **36.7613, 38.6758, 42.1179**.

A 20% lighter version of the original color is **70.1677, 62.9905, 61.2835**, and **23.1288, 16.5174, 12.3251** is the 20% darker color. If you saturate the color by 10%, you get **43.6701, 30.9648, 21.7446**, and if you desaturate by 10%, it is **53.7170, 45.6987, 41.6172**.

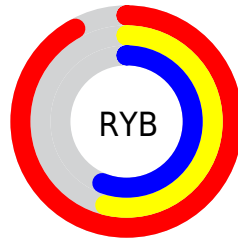
Distribution



Red (92%)

Green (54%)

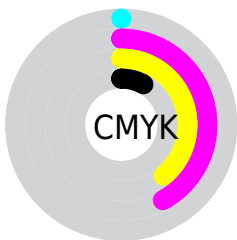
Blue (56%)



Red (92%)

Yellow (54%)

Blue (56%)

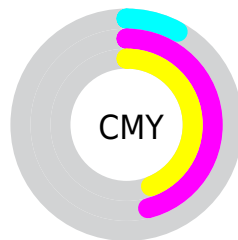


Cyan (0%)

Magenta (42%)

Yellow (39%)

Black (8%)



Cyan (8%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1645, 37.5367, 30.6934 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 48.1645, 37.5367, 30.6934 by changing the saturation by 10% instead.


 48.1645, 37.5367,
30.6934


 48.1645, 37.5367,
30.6934


370.0155,
335.6283, 319.4307


 34.1690, 25.6233,
20.1090


 86.6575, 71.3975,
61.8309

 23.1869, 16.5420,
12.2894

 111.8857, 94.1136,
83.2212

 14.8531, 9.9085,
6.8162


 141.5888,
121.1995, 109.0504

 8.8020, 5.3383,
3.2707

176.1321,
153.0395, 139.7372

 4.6683, 2.4471,
1.2345

215.8811,
190.0180, 175.7000

 2.0867, 0.8500,
0.0072

261.2011,

 0.6820, 0.0000,

232.5193, 217.3576

0.0000

312.4575,
280.9280, 265.1283

■ 0.0000, 0.0000,
0.0000

■ 48.1645, 37.5367,
30.6934

■ 48.1645, 37.5367,
30.6934

■ 43.6701, 30.9648,
21.7446

■ 53.7170, 45.6987,
41.6172

■ 40.1638, 25.8741,
14.6507

■ 60.3859, 55.5392,
54.6219

■ 37.5718, 22.1512,
9.2821

■ 68.2286, 67.1465,
69.8086

■ 35.8086, 19.6638,
5.4914

■ 77.2979, 80.6014,
87.2708

■ 34.7726, 18.2533,
3.1066

■ 87.6433, 95.9796,
107.0971

■ 34.3427, 17.6948,
2.0343

■ 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



48.7043, 37.5367, 47.6745



48.1645, 37.5367, 30.6934



44.0634, 37.5367, 20.1237

Triad

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



48.1645, 37.5367, 30.6934



27.4080, 37.5367, 22.3491



33.4700, 37.5367, 84.3749

Complementary

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



48.1645, 37.5367, 30.6934



54.1695, 70.3929, 84.8648

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.



28.4294, 37.5367, 72.4697



48.1645, 37.5367, 30.6934



25.2091, 37.5367, 34.7479

Square

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



48.1645, 37.5367, 30.6934



31.9199, 37.5367, 16.3599



25.5600, 37.5367, 53.0814



39.7190, 37.5367, 82.3470

Rectangle

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



48.1645, 37.5367, 30.6934



40.1010, 37.5367, 16.5614



25.5600, 37.5367, 53.0814



31.5919, 37.5367, 81.7590

Sweetspot

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



48.1655, 37.5386, 30.6941



80.7594, 78.7981, 81.3872



56.0852, 40.4618, 83.4509



16.8205, 16.1769, 16.5205



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.



48.1655, 37.5386, 30.6941



53.2884, 38.3259, 27.6213



54.9912, 51.8975, 30.7883



15.1028, 15.0690, 15.8268



19.1286, 9.8541, 1.2127



1.5152, 0.7791, 0.1646

Inverse Universe

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



48.1655, 37.5386, 30.6941



53.2884, 38.3259, 27.6213



44.2806, 49.2522, 85.7698



15.1028, 15.0690, 15.8268



19.1286, 9.8541, 1.2127



1.5152, 0.7791, 0.1646

Previews

White Background



This preview shows how the XYZ color 48.1645, 37.5367, 30.6934 looks on a white background.

Color Contrast Check

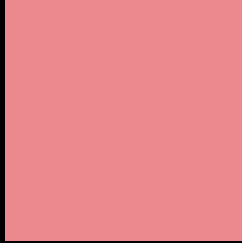
Large Text (above 18pt) WCAG AA × Fail

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 48.1645, 37.5367, 30.6934 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 48.1645, 37.5367, 30.6934

Background



This preview shows how black text looks on a background with the XYZ color 48.1645, 37.5367, 30.6934.



This preview shows how white text looks on a background with the XYZ color 48.1645, 37.5367,

30.6934.

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

48.1645, 37.5367, 30.6934

Protanopia

36.1185, 37.8906, 37.3083

Deuteranopia

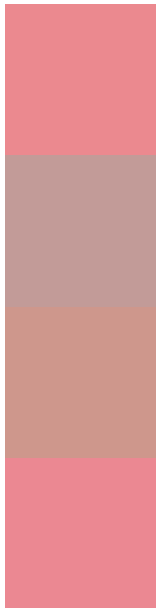
38.2935, 37.6075, 29.6668



Tritanopia

48.3316, 37.3771, 32.2709

Trichromacy



Original Color

48.1645, 37.5367, 30.6934

Protanomaly

39.6370, 37.1790, 34.7929

Deuteranomaly

41.2538, 37.1485, 29.8070

Tritanomaly

48.2534, 37.3458, 31.8594

Monochromacy



Original Color

48.1645, 37.5367, 30.6934

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.7983, 37.4520, 37.4791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1645, 37.5367, 30.6934 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, 137, 143)` looks like.

```
.text, #text, p{  
    color:rgb(235, 137, 143)  
}
```

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, 137, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 137, 143) }
```

Border

The CSS property to change the border of an element to XYZ 48.1645, 37.5367, 30.6934 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, 137, 143) }
```


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

```
.border{ border-color:rgb(235, 137, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 137, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 137, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 137, 143);  
box-shadow:4px 4px 4px 4px rgb(235, 137,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1645, 37.5367, 30.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 137, 143) }
```

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

```
.background{ background-color: rgb(235,  
137, 143) }
```

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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