

Converting Colors

XYZ(48.3901, 38.7753, 33.1194)

Have a look what the booklet for
XYZ(48.3901, 38.7753, 33.1194)
contains.

XYZ(48.2970, 38.6399, 32.9297)	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(48.2970, 38.6399,
32.9297)**

Conversions

Conversions Part 1

Format	Color
Hex	E88E94
RGB	232, 142, 148
RGB Percent	91%, 56%, 58%
CMY	0.0902, 0.4431, 0.4196
CMYK	0.00, 0.39, 0.36, 0.09
HSL	356°, 66%, 73%
HSV	356°, 39%, 91%
XYZ	48.2970, 38.6399, 32.9297
YIQ	169.5940, 51.7140, 20.9460

Conversions

Conversions Part 2

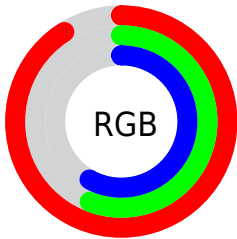
Format	Color
R _Y B	232, 142, 148
Decimal	15240852
CIE Lab	68.49, 34.81, 11.42
CIE LCh	68, 36.639, 18.168
Yxy	38.6399, 0.4029, 0.3224
Android (android.graphics.Color)	4293430932 (0xFFE88E94)
YUV	169.5940, -10.6458, 54.7301
Hunter-Lab	62.1610, 29.9067, 12.1039

Details

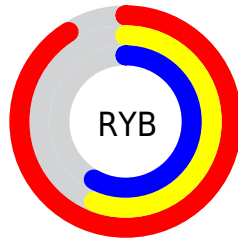
The XYZ color **48.2970, 38.6399, 32.9297** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.7412, 68.9558, 82.4325**, and the grayscale version is **38.0407, 40.0217, 43.5837**.

A 20% lighter version of the original color is **71.8669, 65.4568, 64.7237**, and **23.2694, 17.1741, 13.3978** is the 20% darker color. If you saturate the color by 10%, you get **43.6408, 31.8187, 23.6976**, and if you desaturate by 10%, it is **53.9942, 47.0298, 44.0915**.

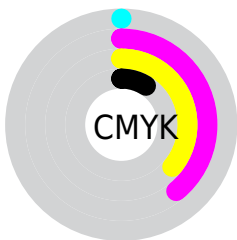
Distribution



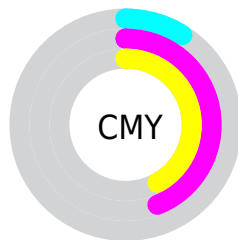
- Red (91%)
- Green (56%)
- Blue (58%)



- Red (91%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2970, 38.6399, 32.9297 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 48.2970, 38.6399, 32.9297 by changing the saturation by 10% instead.


 48.2970, 38.6399,
32.9297


 48.2970, 38.6399,
32.9297


370.5312,
340.3571, 329.9551

 34.2744, 26.4797,
21.8019


 86.8535, 73.0879,
65.3805

 23.2683, 17.1829,
13.5145


 112.1180, 96.1445,
87.5406

 14.9136, 10.3649,
7.6489


141.8606,
123.6020, 114.2152

 8.8447, 5.6416,
3.7866

176.4465,
155.8448, 145.8229

 4.6963, 2.6284,
1.5090

216.2412,
193.2573, 182.7822

 2.1031, 0.9410,
0.2246

261.6100,

 0.6909, 0.0000,

236.2239, 225.5117

0.0000

312.9182,
285.1291, 274.4298

■ 0.0000, 0.0000,
0.0000

■ 48.2970, 38.6399,
32.9297

■ 48.2970, 38.6399,
32.9297

■ 43.6408, 31.8187,
23.6976

■ 53.9942, 47.0298,
44.0915

■ 39.9597, 26.4635,
16.2836

■ 60.7870, 57.0713,
57.2814

■ 37.1852, 22.4683,
10.5681

■ 68.7296, 68.8484,
72.5939

■ 35.2383, 19.7108,
6.4164

■ 77.8720, 82.4377,
90.1169

■ 34.0267, 18.0462,
3.6732

■ 87.0887, 95.8958,
108.5274

■ 33.4190, 17.2606,
2.1457

■ 33.3682, 17.1916,
2.0287

Harmonies

Analogous

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



48.6786, 38.6399, 48.9228



48.2970, 38.6399, 32.9297



44.6261, 38.6399, 22.5743

Triad

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



48.2970, 38.6399, 32.9297



29.0705, 38.6399, 24.2527



34.4998, 38.6399, 81.4202

Complementary

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



48.2970, 38.6399, 32.9297



53.7412, 68.9558, 82.4325

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.



29.8181, 38.6399, 70.4361



48.2970, 38.6399, 32.9297



26.9101, 38.6399, 35.8931

Square

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



48.2970, 38.6399, 32.9297



33.3771, 38.6399, 18.5433



27.1687, 38.6399, 52.7675



40.2919, 38.6399, 80.0179

Rectangle

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



48.2970, 38.6399, 32.9297



41.0044, 38.6399, 18.9482



27.1687, 38.6399, 52.7675



32.7562, 38.6399, 78.9571

Sweetspot

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



48.2980, 38.6418, 32.9304



81.7910, 80.3017, 83.4562



55.6036, 41.3429, 81.3933



17.2257, 16.7711, 17.3218



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.



48.2980, 38.6418, 32.9304



54.8930, 40.6171, 30.9865



54.6863, 52.1582, 32.7789



14.4157, 14.3835, 15.1237



18.5407, 9.5505, 1.2106



1.3839, 0.7113, 0.1619

Inverse Universe

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



48.2980, 38.6418, 32.9304



54.8930, 40.6171, 30.9865



44.7924, 49.7186, 83.5798



14.4157, 14.3835, 15.1237



18.5407, 9.5505, 1.2106



1.3839, 0.7113, 0.1619

Previews

White Background



This preview shows how the XYZ color 48.2970, 38.6399, 32.9297 looks on a white background.

Color Contrast Check

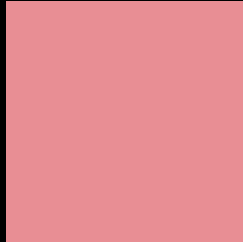
Large Text (above 18pt) WCAG AA × Fail

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 48.2970, 38.6399, 32.9297 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 48.2970, 38.6399, 32.9297

Background



This preview shows how black text looks on a background with the XYZ color 48.2970, 38.6399, 32.9297.



This preview shows how white text looks on a background with the XYZ color 48.2970, 38.6399,

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

48.2970, 38.6399, 32.9297

Protanopia

37.2650, 38.9813, 39.2783

Deuteranopia

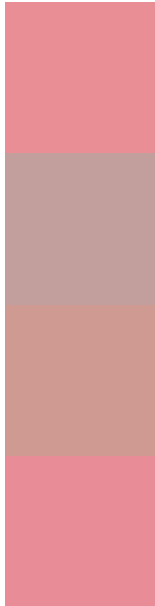
39.5939, 38.7405, 32.1789



Tritanopia

48.4711, 38.4726, 34.5770

Trichromacy



Original Color

48.2970, 38.6399, 32.9297

Protanomaly

40.4757, 38.3234, 36.7163

Deuteranomaly

42.4760, 38.4519, 32.3774

Tritanomaly

48.3895, 38.4399, 34.1474

Monochromacy



Original Color

48.2970, 38.6399, 32.9297

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.0847, 39.0877, 39.5617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2970, 38.6399, 32.9297 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(232, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(232, 142, 148)  
}
```

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(232, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 142, 148) }
```

Border

The CSS property to change the border of an element to XYZ 48.2970, 38.6399, 32.9297 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(232, 142, 148) }
```


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

```
.border{ border-color:rgb(232, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(232, 142,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2970, 38.6399, 32.9297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 142, 148) }
```

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

```
.background{ background-color: rgb(232,  
142, 148) }
```

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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