

Converting Colors

XYZ(47.9611, 38.0040, 29.4719)

Have a look what the booklet for
XYZ(47.9611, 38.0040, 29.4719)
contains.

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Color

**XYZ(48.0434, 38.1420,
29.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	EA8C8C
RGB	234, 140, 140
RGB Percent	92%, 55%, 55%
CMY	0.0824, 0.4510, 0.4510
CMYK	0.00, 0.40, 0.40, 0.08
HSL	0°, 69%, 73%
HSV	0°, 40%, 92%
XYZ	48.0434, 38.1420, 29.6409
YIQ	168.1060, 56.0240, 19.9280

Conversions

Conversions Part 2

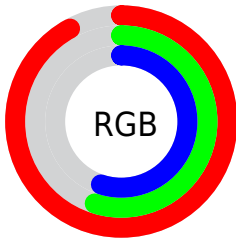
Format	Color
R _Y B	234, 140, 140
Decimal	15371404
CIE Lab	68.13, 35.68, 15.42
CIE LCh	68, 38.874, 23.374
Yxy	38.1420, 0.4148, 0.3293
Android (android.graphics.Color)	4293561484 (0xFFEA8C8C)
YUV	168.1060, -13.8563, 57.7890
Hunter-Lab	61.7592, 30.7792, 14.7756

Details

The XYZ color **48.0434, 38.1420, 29.6409** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.0880, 70.3587, 88.5191**, and the grayscale version is **37.3191, 39.2625, 42.7569**.

A 20% lighter version of the original color is **70.4927, 64.1853, 59.7126**, and **23.0144, 16.8316, 11.7087** is the 20% darker color. If you saturate the color by 10%, you get **43.4348, 31.3987, 20.4782**, and if you desaturate by 10%, it is **53.7478, 46.4896, 40.9796**.

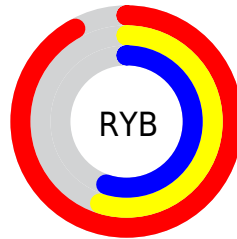
Distribution



Red (92%)

Green (55%)

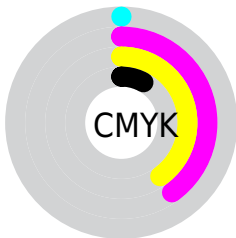
Blue (55%)



Red (92%)

Yellow (55%)

Blue (55%)

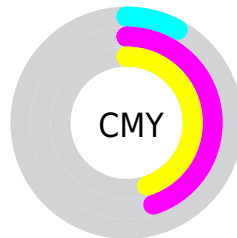


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (8%)



Cyan (8%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0434, 38.1420, 29.6409 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 48.0434, 38.1420, 29.6409 by changing the saturation by 10% instead.


 48.0434, 38.1420,
29.6409


 48.0434, 38.1420,
29.6409


369.5439,
338.2287, 314.3820


 34.0727, 26.0929,
19.3164


 86.4783, 72.3257,
60.1481

 23.1126, 16.8932,
11.7200


 111.6732, 95.2292,
81.1679

 14.7978, 10.1584,
6.4331


 141.3402,
122.5195, 106.5899

 8.7630, 5.5041,
3.0372

175.8446,
154.5812, 136.8327

 4.6428, 2.5459,
1.1136

215.5518,
191.7985, 172.3148

 2.0718, 0.8996,
0.0000

260.8272,

 0.6738, 0.0000,

234.5560, 213.4546

0.0000

312.0361,
283.2379, 260.6709

0.0000, 0.0000,
0.0000

48.0434, 38.1420,
29.6409

48.0434, 38.1420,
29.6409

43.4348, 31.3987,
20.4782

53.7478, 46.4896,
40.9796

39.8491, 26.1517,
13.3502

60.6087, 56.5292,
54.6189

37.2092, 22.2887,
8.1025

68.6862, 68.3488,
70.6766

35.4259, 19.6792,
4.5577

78.0351, 82.0288,
89.2620

34.3930, 18.1676,
2.5046

87.7417, 96.2324,
108.5580

■ 33.9318, 17.4927,
1.5880

Harmonies

Analogous

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



49.1118, 38.1420, 45.5034



48.0434, 38.1420, 29.6409



43.6632, 38.1420, 20.0822

Triad

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



48.0434, 38.1420, 29.6409



27.6774, 38.1420, 24.6243



34.9241, 38.1420, 84.3138

Complementary

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



48.0434, 38.1420, 29.6409



55.0880, 70.3587, 88.5191

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.



29.7323, 38.1420, 74.5070



48.0434, 38.1420, 29.6409



25.8606, 38.1420, 37.7952

Square

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



48.0434, 38.1420, 29.6409



31.8210, 38.1420, 17.8008



26.5687, 38.1420, 56.2368



41.0782, 38.1420, 80.3416

Rectangle

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



48.0434, 38.1420, 29.6409



39.6922, 38.1420, 17.0474



26.5687, 38.1420, 56.2368



33.0181, 38.1420, 82.4471

Sweetspot

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



48.0444, 38.1439, 29.6416



81.5126, 80.1910, 81.9880



58.1612, 42.1894, 82.9199



17.1609, 16.7454, 16.9798



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.



48.0444, 38.1439, 29.6416



53.7798, 39.6100, 26.8567



56.4358, 54.9268, 32.4388



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



55.0880, 70.3587, 88.5191



63.4177, 83.6897, 107.4190



43.4371, 47.0569, 84.6354



15.5177, 17.1218, 19.4092



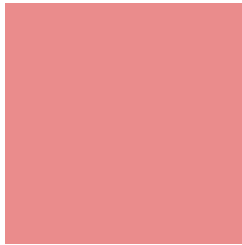
24.8776, 36.4023, 49.4581



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 48.0434, 38.1420, 29.6409 looks on a white background.

Color Contrast Check

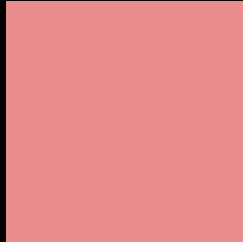
Large Text (above 18pt) WCAG AA × Fail

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 48.0434, 38.1420, 29.6409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

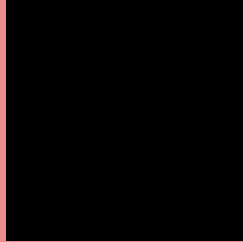
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0434, 38.1420, 29.6409

Background



This preview shows how black text looks on a background with the XYZ color 48.0434, 38.1420, 29.6409.



This preview shows how white text looks on a background with the XYZ color 48.0434, 38.1420,

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

48.0434, 38.1420, 29.6409

Protanopia

36.6196, 38.4566, 35.6298

Deuteranopia

39.0071, 38.2566, 28.6209



Tritanopia

48.9184, 38.2973, 33.2476

Trichromacy



Original Color

48.0434, 38.1420, 29.6409

Protanomaly

39.9079, 37.8542, 33.2202

Deuteranomaly

41.9190, 37.9985, 28.7920

Tritanomaly

48.6819, 38.2027, 32.0022

Monochromacy



Original Color

48.0434, 38.1420, 29.6409

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.1366, 38.1288, 37.5919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0434, 38.1420, 29.6409 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, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(234, 140, 140)  
}
```

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, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 48.0434, 38.1420, 29.6409 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, 140, 140) }
```


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

```
.border{ border-color:rgb(234, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(234, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0434, 38.1420, 29.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 140, 140) }
```

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

```
.background{ background-color: rgb(234,  
140, 140) }
```

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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