

Converting Colors

XYZ(47.8910, 38.0670, 29.9353)

Have a look what the booklet for
XYZ(47.8910, 38.0670, 29.9353)
contains.

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Color

**XYZ(47.7901, 38.0029,
30.0158)**

Conversions

Conversions Part 1

Format	Color
Hex	E98C8D
RGB	233, 140, 141
RGB Percent	91%, 55%, 55%
CMY	0.0863, 0.4510, 0.4471
CMYK	0.00, 0.40, 0.39, 0.09
HSL	359°, 68%, 73%
HSV	359°, 40%, 91%
XYZ	47.7901, 38.0029, 30.0158
YIQ	167.9210, 55.1070, 20.0270

Conversions

Conversions Part 2

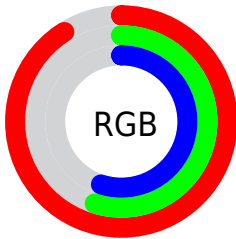
Format	Color
R_{YB}	233, 140, 141
Decimal	15305869
CIE Lab	68.02, 35.42, 14.70
CIE LCh	68, 38.354, 22.540
Yxy	38.0029, 0.4127, 0.3282
Android (android.graphics.Color)	4293495949 (0xFFE98C8D)
YUV	167.9210, -13.2721, 57.0743
Hunter-Lab	61.6465, 30.4969, 14.2841

Details

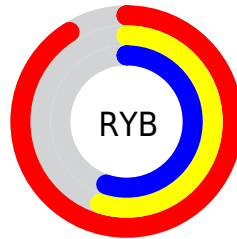
The XYZ color **47.7901, 38.0029, 30.0158** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.5214, 69.6803, 86.9239**, and the grayscale version is **37.2258, 39.1644, 42.6500**.

A 20% lighter version of the original color is **70.6054, 64.2303, 60.3061**, and **23.0572, 16.8487, 11.9344** is the 20% darker color. If you saturate the color by 10%, you get **43.1985, 31.2847, 20.8858**, and if you desaturate by 10%, it is **53.4615, 46.3092, 41.2674**.

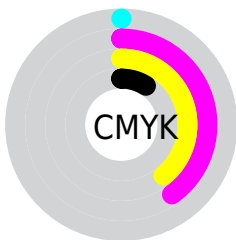
Distribution



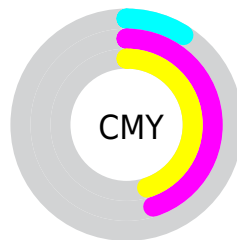
- Red (91%)
- Green (55%)
- Blue (55%)



- Red (91%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (9%)




- Cyan (9%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7901, 38.0029, 30.0158 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 47.7901, 38.0029, 30.0158 by changing the saturation by 10% instead.


 47.7901, 38.0029,
30.0158


 47.7901, 38.0029,
30.0158


368.5560,
337.6324, 316.1877


 33.8713, 25.9849,
19.5984


 86.1034, 72.1126,
60.7485

 22.9571, 16.8124,
11.9223


 111.2285, 94.9731,
81.9008

 14.6824, 10.1008,
6.5689


 140.8198,
122.2166, 107.4686

 8.6816, 5.4658,
3.1197

175.2426,
154.2274, 137.8704

 4.5896, 2.5231,
1.1561

214.8623,
191.3900, 173.5246

 2.0408, 0.8882,
0.0000

260.0442,

 0.6567, 0.0000,

234.0888, 214.8499

0.0000

311.1536,
282.7081, 262.2647

■ 0.0000, 0.0000,
0.0000

■ 47.7901, 38.0029,
30.0158

■ 47.7901, 38.0029,
30.0158

■ 43.1985, 31.2847,
20.8858

■ 53.4615, 46.3092,
41.2674

■ 39.6154, 26.0483,
13.7424

■ 60.2718, 56.2897,
54.7597

■ 36.9659, 22.1832,
8.4385

■ 68.2797, 68.0314,
70.6057

■ 35.1632, 19.5613,
4.8058

■ 77.5388, 81.6133,
88.9100

■ 34.1045, 18.0302,
2.6452

■ 87.4143, 96.0636,
108.5427

■ 33.6213, 17.3340,
1.6512

■ 33.6179, 17.3291,
1.6446

Harmonies

Analogous

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



48.7357, 38.0029, 45.7940



47.7901, 38.0029, 30.0158



43.5593, 38.0029, 20.3894

Triad

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



47.7901, 38.0029, 30.0158



27.7558, 38.0029, 24.4358



34.6511, 38.0029, 83.2687

Complementary

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



47.7901, 38.0029, 30.0158



54.5214, 69.6803, 86.9239

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.



29.5810, 38.0029, 73.3329



47.7901, 38.0029, 30.0158



25.8951, 38.0029, 37.2567

Square

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



47.7901, 38.0029, 30.0158



31.8978, 38.0029, 17.8416



26.5245, 38.0029, 55.2987



40.7005, 38.0029, 79.7610

Rectangle

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



47.7901, 38.0029, 30.0158



39.6743, 38.0029, 17.2789



26.5245, 38.0029, 55.2987



32.7857, 38.0029, 81.3141

Sweetspot

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



47.7911, 38.0048, 30.0165



81.5567, 80.2079, 82.2225



57.1875, 41.7051, 82.1266



17.1711, 16.7493, 17.0344



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.



47.7911, 38.0048, 30.0165



53.8696, 39.6444, 27.3340



55.6776, 53.8957, 32.2818



15.0720, 15.0567, 15.6646



19.0784, 9.8340, 0.9482



1.5004, 0.7731, 0.0866

Inverse Universe

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



47.7911, 38.0048, 30.0165



53.8696, 39.6444, 27.3340



43.5188, 47.4483, 83.9556



15.0720, 15.0567, 15.6646



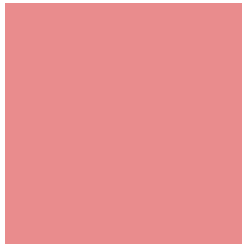
19.0784, 9.8340, 0.9482



1.5004, 0.7731, 0.0866

Previews

White Background



This preview shows how the XYZ color 47.7901, 38.0029, 30.0158 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 47.7901, 38.0029, 30.0158 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 47.7901, 38.0029, 30.0158

Background



This preview shows how black text looks on a background with the XYZ color 47.7901, 38.0029, 30.0158.



This preview shows how white text looks on a background with the XYZ color 47.7901, 38.0029,

30.0158.

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

47.7901, 38.0029, 30.0158

Protanopia

36.4822, 38.3762, 36.0564

Deuteranopia

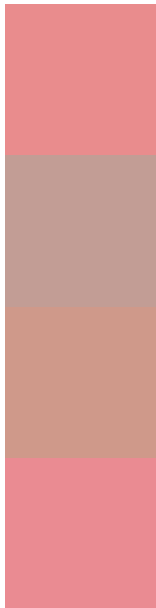
38.8244, 38.1542, 28.9851



Tritanopia

48.5891, 38.1276, 33.2322

Trichromacy



Original Color

47.7901, 38.0029, 30.0158

Protanomaly

39.7299, 37.7532, 33.6269

Deuteranomaly

41.7108, 37.8828, 29.1585

Tritanomaly

48.3526, 38.0330, 31.9868

Monochromacy



Original Color

47.7901, 38.0029, 30.0158

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 47.7901, 38.0029, 30.0158 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(233, 140, 141)` looks like.

```
.text, #text, p{  
    color:rgb(233, 140, 141)  
}
```

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(233, 140, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 140, 141) }
```

Border

The CSS property to change the border of an element to XYZ 47.7901, 38.0029, 30.0158 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(233, 140, 141) }
```


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

```
.border{ border-color:rgb(233, 140, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 140, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 140, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 140, 141); box-shadow:4px 4px 4px 4px rgb(233, 140, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7901, 38.0029, 30.0158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 140, 141) }
```

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

```
.background{ background-color: rgb(233,  
140, 141) }
```

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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