

Converting Colors

XYZ(49.4605, 38.5450, 28.3607)

Have a look what the booklet for
XYZ(49.4605, 38.5450, 28.3607)
contains.

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Color

**XYZ(49.5390, 38.5084,
28.4888)**

Conversions

Conversions Part 1

Format	Color
Hex	F08A89
RGB	240, 138, 137
RGB Percent	94%, 54%, 54%
CMY	0.0588, 0.4588, 0.4627
CMYK	0.00, 0.42, 0.43, 0.06
HSL	1°, 77%, 74%
HSV	1°, 43%, 94%
XYZ	49.5390, 38.5084, 28.4888
YIQ	168.3840, 61.1130, 21.3130

Conversions

Conversions Part 2

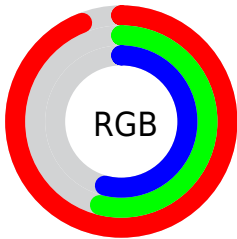
Format	Color
R _Y B	240, 138, 137
Decimal	15764105
CIE Lab	68.39, 38.62, 17.59
CIE LCh	68, 42.434, 24.486
Yxy	38.5084, 0.4251, 0.3304
Android (android.graphics.Color)	4293954185 (0xFFFF08A89)
YUV	168.3840, -15.4723, 62.8072
Hunter-Lab	62.0551, 33.9012, 16.2192

Details

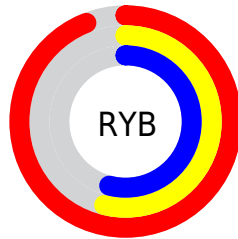
The XYZ color **49.5390, 38.5084, 28.4888** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.9095, 73.3391, 93.5942**, and the grayscale version is **37.4619, 39.4129, 42.9206**.

A 20% lighter version of the original color is **69.6042, 63.1176, 57.2296**, and **24.1041, 17.1675, 11.0600** is the 20% darker color. If you saturate the color by 10%, you get **44.9604, 31.8066, 19.3927**, and if you desaturate by 10%, it is **55.2485, 46.8591, 39.8515**.

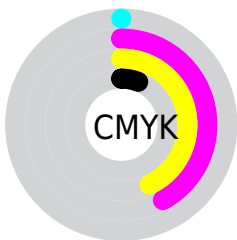
Distribution



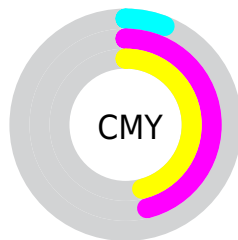
- Red (94%)
- Green (54%)
- Blue (54%)



- Red (94%)
- Yellow (54%)
- Blue (54%)



- Cyan (0%)
- Magenta (42%)
- Yellow (43%)
- Black (6%)





- Cyan (6%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5390, 38.5084, 28.4888 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 49.5390, 38.5084, 28.4888 by changing the saturation by 10% instead.


 49.5390, 38.5084,
28.4888


 49.5390, 38.5084,
28.4888


375.3423,
339.7959, 308.7804


 35.2635, 26.3775,
18.4522


 88.6874, 72.8867,
58.2964

 24.0334, 17.1063,
11.1023


 114.2910, 95.9029,
78.9044

 15.4833, 10.3103,
6.0207


 144.4014,
123.3164, 103.8733

 9.2478, 5.6052,
2.7887

179.3839,
155.5114, 133.6217

 4.9616, 2.6065,
0.9878

219.6039,
192.8725, 168.5681

 2.2592, 0.9299,
0.0000

265.4267,

 0.7737, 0.0000,

235.7840, 209.1309

0.0000

317.2177,
284.6304, 255.7288

■ 0.0000, 0.0000,
0.0000

■ 49.5390, 38.5084,
28.4888

■ 49.5390, 38.5084,
28.4888

■ 44.9604, 31.8066,
19.3927

■ 55.2485, 46.8591,
39.8515

■ 41.4347, 26.6394,
12.4095

■ 62.1539, 56.9516,
53.6164

■ 38.8792, 22.8868,
7.3696

■ 70.3189, 68.8788,
69.9110

■ 37.1972, 20.4090,
4.0768

■ 79.8017, 82.7256,
88.8532

■ 36.2722, 19.0375,
2.2932

■ 89.7451, 97.2652,
108.6517

■ 35.9605, 18.5761,
1.6902

Harmonies

Analogous

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



50.8881, 38.5084, 45.5537



49.5390, 38.5084, 28.4888



44.5572, 38.5084, 18.5971

Triad

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



49.5390, 38.5084, 28.4888



27.1338, 38.5084, 24.0259



35.3840, 38.5084, 90.0668

Complementary

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



49.5390, 38.5084, 28.4888



56.9095, 73.3391, 93.5942

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.



29.6533, 38.5084, 79.4367



49.5390, 38.5084, 28.4888



25.2748, 38.5084, 38.5021

Square

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



49.5390, 38.5084, 28.4888



31.5448, 38.5084, 16.6215



26.1381, 38.5084, 59.0448



42.1707, 38.5084, 84.9568

Rectangle

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



49.5390, 38.5084, 28.4888



40.1351, 38.5084, 15.5847



26.1381, 38.5084, 59.0448



33.2809, 38.5084, 88.1382

Sweetspot

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



49.5400, 38.5103, 28.4895



80.5722, 78.8608, 79.9769



60.6090, 42.7081, 87.4869



16.7751, 16.1921, 16.1788



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.



49.5400, 38.5103, 28.4895



52.4275, 37.7174, 23.9023



58.5408, 56.5120, 31.4898



15.7852, 15.7835, 16.3643



19.6909, 10.1799, 0.9271



1.6424, 0.8555, 0.0786

Inverse Universe

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



56.9095, 73.3391, 93.5942



61.8563, 82.2886, 107.2309



44.1351, 47.7903, 89.3361



16.2334, 17.9009, 20.3212



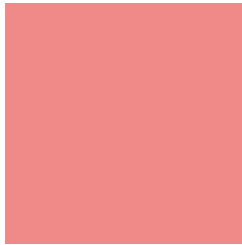
25.2983, 36.8208, 50.9016



2.1088, 3.0716, 4.2360

Previews

White Background



This preview shows how the XYZ color 49.5390, 38.5084, 28.4888 looks on a white background.

Color Contrast Check

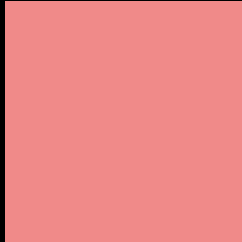
Large Text (above 18pt) WCAG AA × Fail

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 49.5390, 38.5084, 28.4888 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 49.5390, 38.5084, 28.4888

Background



This preview shows how black text looks on a background with the XYZ color 49.5390, 38.5084, 28.4888.



This preview shows how white text looks on a background with the XYZ color 49.5390, 38.5084,

28.4888.

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

49.5390, 38.5084, 28.4888

Protanopia

36.8602, 38.8705, 34.8382

Deuteranopia

39.4842, 38.7853, 27.5956



Tritanopia

50.4877, 38.6987, 32.4124

Trichromacy



Original Color

49.5390, 38.5084, 28.4888



Protanomaly

40.3655, 37.8580, 32.3740



Deuteranomaly

42.5583, 38.3526, 27.7140



Tritanomaly

50.1792, 38.5753, 30.7876

Monochromacy



Original Color

49.5390, 38.5084, 28.4888



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

40.3909, 38.0176, 37.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5390, 38.5084, 28.4888 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(240, 138, 137)` looks like.

```
.text, #text, p{  
    color:rgb(240, 138, 137)  
}
```

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(240, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 138, 137) }
```

Border

The CSS property to change the border of an element to XYZ 49.5390, 38.5084, 28.4888 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(240, 138, 137) }
```


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

```
.border{ border-color:rgb(240, 138, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(240, 138,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5390, 38.5084, 28.4888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 138, 137) }
```

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

```
.background{ background-color: rgb(240,  
138, 137) }
```

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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