

Converting Colors

XYZ(49.6350, 39.0710, 29.2736)

Have a look what the booklet for
XYZ(49.6350, 39.0710, 29.2736)
contains.

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Color

**XYZ(49.6349, 38.9710,
29.3322)**

Conversions

Conversions Part 1

Format	Color
Hex	EF8C8B
RGB	239, 140, 139
RGB Percent	94%, 55%, 55%
CMY	0.0627, 0.4510, 0.4549
CMYK	0.00, 0.41, 0.42, 0.06
HSL	1°, 76%, 74%
HSV	1°, 42%, 94%
XYZ	49.6349, 38.9710, 29.3322
YIQ	169.4870, 59.3250, 20.6770

Conversions

Conversions Part 2

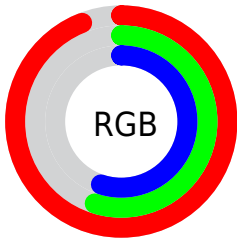
Format	Color
R _Y B	239, 140, 139
Decimal	15699083
CIE Lab	68.73, 37.43, 16.92
CIE LCh	69, 41.072, 24.324
Yxy	38.9710, 0.4209, 0.3304
Android (android.graphics.Color)	4293889163 (0xFFEF8C8B)
YUV	169.4870, -15.0301, 60.9629
Hunter-Lab	62.4268, 32.6768, 15.8404

Details

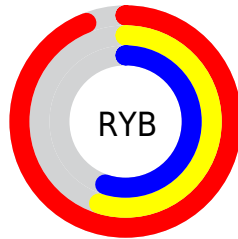
The XYZ color **49.6349, 38.9710, 29.3322** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.8004, 72.8667, 92.7322**, and the grayscale version is **38.0060, 39.9853, 43.5440**.

A 20% lighter version of the original color is **70.2695, 64.0960, 58.5373**, and **24.1153, 17.4040, 11.5395** is the 20% darker color. If you saturate the color by 10%, you get **44.9824, 32.1618, 20.0872**, and if you desaturate by 10%, it is **55.4144, 47.4232, 40.8368**.

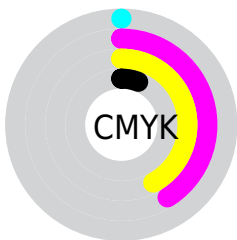
Distribution



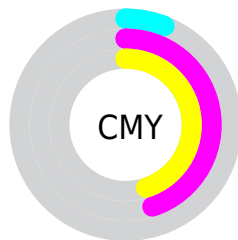
- Red (94%)
- Green (55%)
- Blue (55%)



- Red (94%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6349, 38.9710, 29.3322 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 49.6349, 38.9710, 29.3322 by changing the saturation by 10% instead.


 49.6349, 38.9710,
29.3322


 49.6349, 38.9710,
29.3322


375.7121,
341.7672, 312.8890


 35.3400, 26.7372,
19.0845


 88.8288, 73.5940,
59.6529

 24.0926, 17.3759,
11.5539


 114.4584, 96.7520,
80.5631

 15.5275, 10.5029,
6.3219


 144.5970,
124.3201, 105.8645

 9.2791, 5.7336,
2.9698

179.6100,
156.6828, 135.9757

 4.9822, 2.6838,
1.0793

219.8626,
194.2245, 171.3152

 2.2715, 0.9690,
0.0000

265.7203,

 0.7800, 0.0000,

237.3295, 212.3015

0.0000

317.5483,
286.3823, 259.3533

■ 0.0000, 0.0000,
0.0000

■ 49.6349, 38.9710,
29.3322

■ 49.6349, 38.9710,
29.3322

■ 44.9824, 32.1618,
20.0872

■ 55.4144, 47.4232,
40.8368

■ 41.3805, 26.8835,
12.9511

■ 62.3845, 57.6092,
54.7338

■ 38.7486, 23.0192,
7.7586

■ 70.6077, 69.6203,
71.1483

■ 36.9925, 20.4331,
4.3185

■ 80.1412, 83.5395,
90.1962

■ 35.9998, 18.9622,
2.4014

■ 89.4066, 97.0907,
108.6359

■ 35.6226, 18.4029,
1.6746

Harmonies

Analogous

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



50.9198, 38.9710, 46.0715



49.6349, 38.9710, 29.3322



44.8172, 38.9710, 19.4941

Triad

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



49.6349, 38.9710, 29.3322



27.7884, 38.9710, 24.7957



35.8186, 38.9710, 88.9400

Complementary

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



49.6349, 38.9710, 29.3322



56.8004, 72.8667, 92.7322

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.



30.2203, 38.9710, 78.6513



49.6349, 38.9710, 29.3322



25.9450, 38.9710, 38.9909

Square

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



49.6349, 38.9710, 29.3322



32.1281, 38.9710, 17.4618



26.7805, 38.9710, 58.9478



42.4303, 38.9710, 84.1138

Rectangle

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



49.6349, 38.9710, 29.3322



40.5209, 38.9710, 16.4602



26.7805, 38.9710, 58.9478



33.7658, 38.9710, 87.0606

Sweetspot

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



49.6359, 38.9730, 29.3329



80.5747, 78.8659, 79.9778



60.4093, 43.0482, 86.7865



16.7757, 16.1933, 16.1790



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.



49.6359, 38.9730, 29.3329



52.9251, 38.4486, 24.8818



58.4545, 56.6102, 32.2725



15.7856, 15.7843, 16.3644



19.6915, 10.1811, 0.9273



1.6426, 0.8559, 0.0786

Inverse Universe

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



56.8004, 72.8667, 92.7322



62.2293, 82.4751, 107.2472



44.4253, 48.1164, 88.6072



16.2330, 17.9001, 20.3211



25.2874, 36.7990, 50.8980



2.1080, 3.0701, 4.2357

Previews

White Background



This preview shows how the XYZ color 49.6349, 38.9710, 29.3322 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 49.6349, 38.9710, 29.3322 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 49.6349, 38.9710, 29.3322

Background



This preview shows how black text looks on a background with the XYZ color 49.6349, 38.9710, 29.3322.



This preview shows how white text looks on a background with the XYZ color 49.6349, 38.9710,

29.3322.

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

49.6349, 38.9710, 29.3322

Protanopia

37.4316, 39.4191, 35.7728

Deuteranopia

39.8830, 38.9748, 28.3425



Tritanopia

50.5926, 39.1604, 33.3260

Trichromacy



Original Color

49.6349, 38.9710, 29.3322

Protanomaly

40.8609, 38.5976, 33.3135

Deuteranomaly

42.9865, 38.5571, 28.4692

Tritanomaly

50.2786, 39.0348, 31.6726

Monochromacy



Original Color

49.6349, 38.9710, 29.3322

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.6465, 38.3917, 37.6158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6349, 38.9710, 29.3322 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(239, 140, 139)` looks like.

```
.text, #text, p{  
    color:rgb(239, 140, 139)  
}
```

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(239, 140, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 140, 139) }
```

Border

The CSS property to change the border of an element to XYZ 49.6349, 38.9710, 29.3322 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(239, 140, 139) }
```


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

```
.border{ border-color:rgb(239, 140, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 140, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 140, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 140, 139); box-shadow:4px 4px 4px 4px rgb(239, 140, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6349, 38.9710, 29.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 140, 139) }
```

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

```
.background{ background-color: rgb(239,  
140, 139) }
```

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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