

Converting Colors

XYZ(48.3669, 36.7531, 29.4594)

Have a look what the booklet for
XYZ(48.3669, 36.7531, 29.4594)
contains.

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Color

**XYZ(48.3810, 36.8457,
29.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	EE858C
RGB	238, 133, 140
RGB Percent	93%, 52%, 55%
CMY	0.0667, 0.4784, 0.4510
CMYK	0.00, 0.44, 0.41, 0.07
HSL	356°, 76%, 73%
HSV	356°, 44%, 93%
XYZ	48.3810, 36.8457, 29.3729
YIQ	165.1930, 60.3330, 24.4370

Conversions

Conversions Part 2

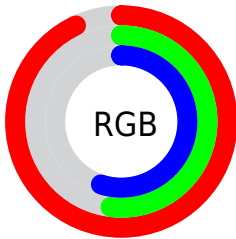
Format	Color
R _Y B	238, 133, 140
Decimal	15631756
CIE Lab	67.16, 40.77, 14.15
CIE LCh	67, 43.156, 19.144
Yxy	36.8457, 0.4222, 0.3215
Android (android.graphics.Color)	4293821836 (0xFFEE858C)
YUV	165.1930, -12.4201, 63.8517
Hunter-Lab	60.7007, 36.0459, 13.8002

Details

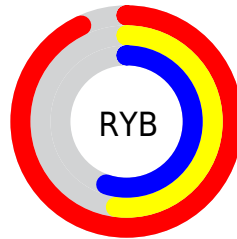
The XYZ color **48.3810, 36.8457, 29.3729** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.6730, 71.9058, 86.6032**, and the grayscale version is **35.8953, 37.7647, 41.1257**.

A 20% lighter version of the original color is **68.8489, 61.0767, 58.6123**, and **23.3783, 16.2068, 11.5689** is the 20% darker color. If you saturate the color by 10%, you get **44.0079, 30.4615, 20.6332**, and if you desaturate by 10%, it is **53.8249, 44.8421, 40.1015**.

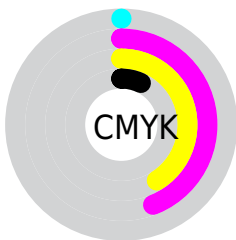
Distribution



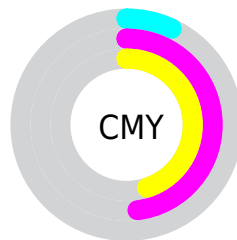
- Red (93%)
- Green (52%)
- Blue (55%)



- Red (93%)
- Yellow (52%)
- Blue (55%)



- Cyan (0%)
- Magenta (44%)
- Yellow (41%)
- Black (7%)





- Cyan (7%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3810, 36.8457, 29.3729 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 48.3810, 36.8457, 29.3729 by changing the saturation by 10% instead.


 48.3810, 36.8457,
29.3729


 48.3810, 36.8457,
29.3729


370.8578,
332.6420, 313.0862


 34.3412, 25.0880,
19.1151


 86.9777, 70.3354,
59.7183

 23.3200, 16.1427,
11.5758


 112.2653, 92.8363,
80.6429

 14.9519, 9.6252,
6.3365


 142.0328,
119.6869, 105.9602

 8.8718, 5.1511,
2.9787

176.6457,
151.2719, 136.0888

 4.7141, 2.3362,
1.0838

216.4693,
187.9755, 171.4471

 2.1135, 0.7928,
0.0000

261.8690,

 0.6965, 0.0000,

230.1821, 212.4538

0.0000

313.2100,
278.2761, 259.5273

■ 0.0000, 0.0000,
0.0000

■ 48.3810, 36.8457,
29.3729

■ 48.3810, 36.8457,
29.3729

■ 44.0079, 30.4615,
20.6332

■ 53.8249, 44.8421,
40.1015

■ 40.6321, 25.5750,
13.7582

■ 60.4007, 54.5440,
52.9287

■ 38.1756, 22.0656,
8.6126


■ 68.1686, 66.0442,
67.9589


■ 36.5474, 19.7913,
5.0423

■ 77.1833, 79.4271,
85.2887

■ 35.6378, 18.5797,
2.8657

■ 87.4966, 94.7719,
105.0091

 35.3522, 18.2140,
2.1369

 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



48.9702, 36.8457, 47.3360



48.3810, 36.8457, 29.3729



43.9642, 36.8457, 18.4834

Triad

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



48.3810, 36.8457, 29.3729



26.2983, 36.8457, 20.7806



32.6919, 36.8457, 87.2496

Complementary

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



48.3810, 36.8457, 29.3729



54.6730, 71.9058, 86.6032

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.



27.3807, 36.8457, 74.2293



48.3810, 36.8457, 29.3729



24.0090, 36.8457, 33.6750

Square

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



48.3810, 36.8457, 29.3729



31.0343, 36.8457, 14.7047



24.3787, 36.8457, 53.2097



39.3348, 36.8457, 84.9949

Rectangle

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



48.3810, 36.8457, 29.3729



39.7200, 36.8457, 14.8952



24.3787, 36.8457, 53.2097



30.7076, 36.8457, 84.3854

Sweetspot

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



48.3820, 36.8476, 29.3736



80.7839, 78.8079, 81.5161



56.7761, 39.9390, 85.6052



16.8265, 16.1793, 16.5518



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.



48.3820, 36.8476, 29.3736



51.8911, 36.2380, 24.9772



55.5147, 51.9124, 29.2870



15.8155, 15.7759, 16.5847



19.7392, 10.1681, 1.2775



1.6570, 0.8518, 0.1844

Inverse Universe

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



48.3820, 36.8476, 29.3736



51.8911, 36.2380, 24.9772



44.0668, 49.0806, 88.0396



15.8155, 15.7759, 16.5847



19.7392, 10.1681, 1.2775



1.6570, 0.8518, 0.1844

Previews

White Background



This preview shows how the XYZ color 48.3810, 36.8457, 29.3729 looks on a white background.

Color Contrast Check

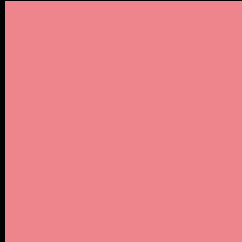
Large Text (above 18pt) WCAG AA × Fail

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 48.3810, 36.8457, 29.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

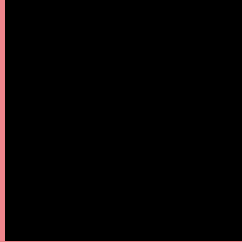
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3810, 36.8457, 29.3729

Background



This preview shows how black text looks on a background with the XYZ color 48.3810, 36.8457, 29.3729.



This preview shows how white text looks on a background with the XYZ color 48.3810, 36.8457,

29.3729.

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

48.3810, 36.8457, 29.3729

Protanopia

35.4601, 37.0297, 36.7310

Deuteranopia

37.9060, 37.1784, 28.4708



Tritanopia

48.5299, 36.9052, 30.1568

Trichromacy



Original Color

48.3810, 36.8457, 29.3729

Protanomaly

38.9814, 36.1278, 33.7730

Deuteranomaly

40.9949, 36.5664, 28.5643

Tritanomaly

48.4551, 36.8753, 29.7631

Monochromacy



Original Color

48.3810, 36.8457, 29.3729

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.1302, 36.3892, 36.4139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3810, 36.8457, 29.3729 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(238, 133, 140)` looks like.

```
.text, #text, p{  
    color:rgb(238, 133, 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(238, 133, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 133, 140) }
```

Border

The CSS property to change the border of an element to XYZ 48.3810, 36.8457, 29.3729 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(238, 133, 140) }
```


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

```
.border{ border-color:rgb(238, 133, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 133, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 133, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 133, 140);  
box-shadow:4px 4px 4px 4px rgb(238, 133,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3810, 36.8457, 29.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 133, 140) }
```

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

```
.background{ background-color: rgb(238,  
133, 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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