

Converting Colors

XYZ(45.9748, 38.3550, 29.1995)

Have a look what the booklet for
XYZ(45.9748, 38.3550, 29.1995)
contains.

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Color

**XYZ(45.9177, 38.4003,
29.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	E1928A
RGB	225, 146, 138
RGB Percent	88%, 57%, 54%
CMY	0.1176, 0.4274, 0.4588
CMYK	0.00, 0.35, 0.39, 0.12
HSL	6°, 59%, 71%
HSV	6°, 39%, 88%
XYZ	45.9177, 38.4003, 29.0366
YIQ	168.7090, 49.6520, 14.2600

Conversions

Conversions Part 2

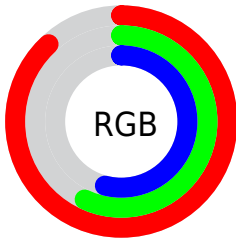
Format	Color
R _{YB}	225, 147, 138
Decimal	14783114
CIE Lab	68.31, 28.90, 16.64
CIE LCh	68, 33.350, 29.924
Yxy	38.4003, 0.4051, 0.3388
Android (android.graphics.Color)	4292973194 (0xFFE1928A)
YUV	168.7090, -15.1395, 49.3672
Hunter-Lab	61.9680, 23.8229, 15.5958

Details

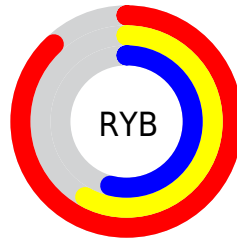
The XYZ color **45.9177, 38.4003, 29.0366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.8837, 60.4629, 80.3283**, and the grayscale version is **37.6244, 39.5838, 43.1068**.

A 20% lighter version of the original color is **71.5306, 66.7949, 58.4128**, and **21.7005, 16.9255, 11.3557** is the 20% darker color. If you saturate the color by 10%, you get **41.5816, 32.0705, 20.3699**, and if you desaturate by 10%, it is **51.1560, 45.9943, 39.6696**.

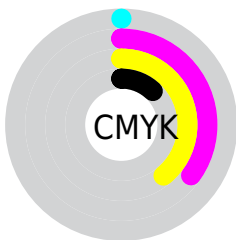
Distribution



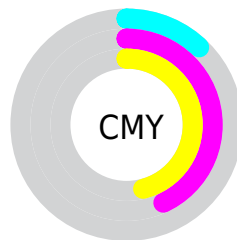
- Red (88%)
- Green (57%)
- Blue (54%)



- Red (88%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (39%)
- Black (12%)



- Cyan (12%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9177, 38.4003, 29.0366 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 45.9177, 38.4003, 29.0366 by changing the saturation by 10% instead.


 45.9177, 38.4003,
29.0366


 45.9177, 38.4003,
29.0366


361.1992,
339.3340, 311.4539


 32.3852, 26.2935,
18.8627


 83.3244, 72.7213,
59.1781

 21.8129, 17.0434,
11.3953


 107.9294, 95.7043,
79.9828

 13.8353, 10.2654,
6.2159


 136.9559,
123.0814, 105.1682

 8.0871, 5.5753,
2.9059

170.7693,
155.2372, 135.1527

 4.2030, 2.5886,
1.0468

209.7350,
192.5560, 170.3550

 1.8176, 0.9209,
0.0000

254.2183,

 0.5283, 0.0000,

235.4221, 211.1937

0.0000

304.5846,
284.2200, 258.0871

■ 0.0000, 0.0000,
0.0000

■ 45.9177, 38.4003,
29.0366

■ 45.9177, 38.4003,
29.0366

■ 41.5816, 32.0705,
20.3699

■ 51.1560, 45.9943,
39.6696

■ 38.0937, 26.9309,
13.5466

■ 57.3405, 54.9101,
52.3769

■ 35.3990, 22.9086,
8.4337

■ 64.5158, 65.2084,
67.2614

■ 33.4345, 19.9202,
4.8792

■ 72.7229, 76.9447,
84.4185

■ 32.1277, 17.8707,
2.7044

■ 82.0004, 90.1712,
103.9379

■ 31.3828, 16.6441,
1.6447

■ 84.8614, 94.7476,
108.4232

■ 31.3141, 16.5330,
1.5408

Harmonies

Analogous

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



47.4964, 38.4003, 41.8498



45.9177, 38.4003, 29.0366



41.7690, 38.4003, 21.5260

Triad

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



45.9177, 38.4003, 29.0366



28.4755, 38.4003, 28.9845



36.4849, 38.4003, 77.6943

Complementary

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



45.9177, 38.4003, 29.0366



48.8837, 60.4629, 80.3283

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.



31.6908, 38.4003, 71.9840



45.9177, 38.4003, 29.0366



27.3443, 38.4003, 41.7730

Square

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



45.9177, 38.4003, 29.0366



31.7120, 38.4003, 21.5014



28.4642, 38.4003, 57.8718



41.7436, 38.4003, 72.0392

Rectangle

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



45.9177, 38.4003, 29.0366



38.2847, 38.4003, 19.3967



28.4642, 38.4003, 57.8718



34.7684, 38.4003, 77.0253

Sweetspot

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



45.9187, 38.4022, 29.0373



82.2769, 81.7197, 82.2428



52.7622, 39.2337, 70.9504



17.3389, 17.1015, 17.0392



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.



45.9187, 38.4022, 29.0373



56.4731, 44.4211, 29.5287



53.7829, 54.1305, 31.6587



13.8081, 13.9022, 14.2624



18.0813, 9.6005, 0.9001



1.2886, 0.7361, 0.0742

Inverse Universe

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



48.8837, 60.4629, 80.3283



60.8947, 77.4238, 106.3425



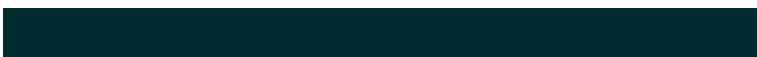
39.2566, 41.2087, 77.1193



14.0031, 15.3454, 17.6116



20.3609, 28.1913, 45.4167



1.4432, 2.0179, 3.1587

Previews

White Background



This preview shows how the XYZ color 45.9177, 38.4003, 29.0366 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 45.9177, 38.4003, 29.0366 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 45.9177, 38.4003, 29.0366

Background



This preview shows how black text looks on a background with the XYZ color 45.9177, 38.4003, 29.0366.



This preview shows how white text looks on a background with the XYZ color 45.9177, 38.4003,

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

45.9177, 38.4003, 29.0366

Protanopia

36.4371, 38.4092, 33.5103

Deuteranopia

39.1921, 38.3602, 28.2603



Tritanopia

47.1700, 38.4484, 35.5070

Trichromacy



Original Color

45.9177, 38.4003, 29.0366

Protanomaly

39.4245, 38.1473, 31.6708

Deuteranomaly

41.3421, 38.1994, 28.4868

Tritanomaly

46.8347, 38.5577, 32.9909

Monochromacy



Original Color

45.9177, 38.4003, 29.0366

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.9027, 38.7772, 37.7294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9177, 38.4003, 29.0366 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(225, 146, 138)` looks like.

```
.text, #text, p{  
    color:rgb(225, 146, 138)  
}
```

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(225, 146, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 146, 138) }
```

Border

The CSS property to change the border of an element to XYZ 45.9177, 38.4003, 29.0366 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(225, 146, 138) }
```


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

```
.border{ border-color:rgb(225, 146, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 146, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 146, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 146, 138);  
box-shadow:4px 4px 4px 4px rgb(225, 146,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9177, 38.4003, 29.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 146, 138) }
```

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

```
.background{ background-color: rgb(225,  
146, 138) }
```

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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