

Converting Colors

XYZ(45.9207, 37.9916, 33.3819)

Have a look what the booklet for
XYZ(45.9207, 37.9916, 33.3819)
contains.

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Color

**XYZ(45.9816, 38.1087,
33.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9195
RGB	223, 145, 149
RGB Percent	87%, 57%, 58%
CMY	0.1255, 0.4313, 0.4157
CMYK	0.00, 0.35, 0.33, 0.13
HSL	357°, 55%, 72%
HSV	357°, 35%, 87%
XYZ	45.9816, 38.1087, 33.3660
YIQ	168.7780, 45.2040, 17.7800

Conversions

Conversions Part 2

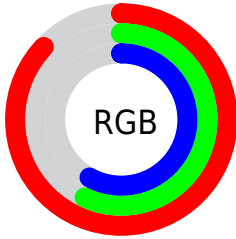
Format	Color
R _Y B	223, 145, 149
Decimal	14651797
CIE Lab	68.10, 30.01, 10.16
CIE LCh	68, 31.683, 18.711
Yxy	38.1087, 0.3915, 0.3245
Android (android.graphics.Color)	4292841877 (0xFFDF9195)
YUV	168.7780, -9.7506, 47.5527
Hunter-Lab	61.7322, 24.9253, 11.1666

Details

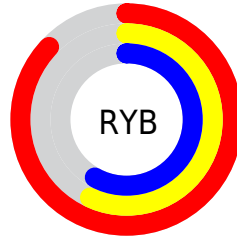
The XYZ color **45.9816, 38.1087, 33.3660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8526, 63.9103, 76.6769**, and the grayscale version is **37.6343, 39.5942, 43.1181**.

A 20% lighter version of the original color is **72.6738, 66.8804, 65.5788**, and **21.8448, 16.8175, 13.6500** is the 20% darker color. If you saturate the color by 10%, you get **41.3639, 31.3354, 24.2363**, and if you desaturate by 10%, it is **51.5770, 46.3459, 44.3363**.

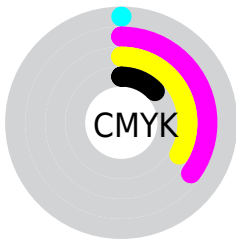
Distribution



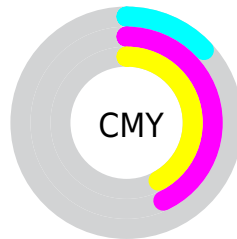
- Red (87%)
- Green (57%)
- Blue (58%)



- Red (87%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9816, 38.1087, 33.3660 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 45.9816, 38.1087, 33.3660 by changing the saturation by 10% instead.


 45.9816, 38.1087,
33.3660


 45.9816, 38.1087,
33.3660


361.4518,
338.0860, 331.9782

 32.4359, 26.0671,
22.1336


 83.4195, 72.2747,
66.0691

 21.8518, 16.8738,
13.7558


 108.0424, 95.1679,
88.3769

 13.8640, 10.1446,
7.8142


137.0883,
122.4470, 115.2135

 8.1072, 5.4949,
3.8902

170.9227,
154.4965, 146.9975

 4.2160, 2.5405,
1.5653

209.9109,
191.7008, 184.1474

 1.8251, 0.8968,
0.2659

254.4183,

 0.5327, 0.0000,

234.4442, 227.0818

0.0000

304.8101,
283.1111, 276.2192

■ 0.0000, 0.0000,
0.0000

■ 45.9816, 38.1087,
33.3660

■ 45.9816, 38.1087,
33.3660

■ 41.3639, 31.3354,
24.2363

■ 51.5770, 46.3459,
44.3363

■ 37.6649, 25.9353,
16.8442

■ 58.1985, 56.1199,
57.2379

■ 34.8241, 21.8161,
11.0802

■ 65.8950, 67.5053,
72.1582

■ 32.7722, 18.8719,
6.8213

■ 74.7113, 80.5703,
89.1788

■ 31.4294, 16.9800,
3.9269

■ 84.2075, 94.4144,
108.2159

■ 30.6988, 15.9902,
2.2302

■ 84.2414, 94.4280,
108.3942

■ 30.4943, 15.7131,
1.7553

Harmonies

Analogous

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



46.3556, 38.1087, 47.0495



45.9816, 38.1087, 33.3660



42.8564, 38.1087, 24.2285

Triad

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



45.9816, 38.1087, 33.3660



29.5435, 38.1087, 26.0095



34.3936, 38.1087, 74.2902

Complementary

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



45.9816, 38.1087, 33.3660



50.8526, 63.9103, 76.6769

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.



30.3088, 38.1087, 65.4699



45.9816, 38.1087, 33.3660



27.6832, 38.1087, 36.3938

Square

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



45.9816, 38.1087, 33.3660



33.2592, 38.1087, 20.6958



27.9500, 38.1087, 50.8449



39.3540, 38.1087, 72.9548

Rectangle

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



45.9816, 38.1087, 33.3660



39.7800, 38.1087, 20.9603



27.9500, 38.1087, 50.8449



32.8812, 38.1087, 72.3466

Sweetspot

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



45.9826, 38.1105, 33.3667



83.7943, 83.3343, 87.1266



52.2993, 40.4550, 74.8641



17.6230, 17.3749, 18.0428



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.



45.9826, 38.1105, 33.3667



57.5959, 44.7211, 35.9008



51.6234, 49.8939, 33.7001



13.7356, 13.7119, 14.3776



17.9426, 9.2440, 1.0974



1.2539, 0.6448, 0.1296

Inverse Universe

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



45.9826, 38.1105, 33.3667



57.5959, 44.7211, 35.9008



43.2386, 47.8304, 76.7653



13.7356, 13.7119, 14.3776



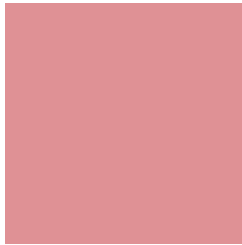
17.9426, 9.2440, 1.0974



1.2539, 0.6448, 0.1296

Previews

White Background



This preview shows how the XYZ color 45.9816, 38.1087, 33.3660 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 45.9816, 38.1087, 33.3660 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 45.9816, 38.1087, 33.3660

Background



This preview shows how black text looks on a background with the XYZ color 45.9816, 38.1087, 33.3660.



This preview shows how white text looks on a background with the XYZ color 45.9816, 38.1087,

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

45.9816, 38.1087, 33.3660

Protanopia

36.7760, 38.4684, 38.7446

Deuteranopia

38.9943, 38.1641, 32.5053



Tritanopia

46.6301, 38.1604, 35.9184

Trichromacy



Original Color

45.9816, 38.1087, 33.3660

Protanomaly

39.4628, 37.8012, 36.6689

Deuteranomaly

41.3449, 38.1058, 32.7798

Tritanomaly

46.4635, 38.0937, 35.0409

Monochromacy



Original Color

45.9816, 38.1087, 33.3660

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.0787, 38.5691, 39.5146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9816, 38.1087, 33.3660 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(223, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(223, 145, 149)  
}
```

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(223, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 145, 149) }
```

Border

The CSS property to change the border of an element to XYZ 45.9816, 38.1087, 33.3660 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(223, 145, 149) }
```


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

```
.border{ border-color:rgb(223, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(223, 145,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9816, 38.1087, 33.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 145, 149) }
```

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

```
.background{ background-color: rgb(223,  
145, 149) }
```

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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