

Converting Colors

XYZ(45.1647, 38.2044, 27.4793)

Have a look what the booklet for
XYZ(45.1647, 38.2044, 27.4793)
contains.

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Color

**XYZ(45.1682, 38.2766,
27.5618)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9386
RGB	223, 147, 134
RGB Percent	87%, 58%, 53%
CMY	0.1255, 0.4235, 0.4745
CMYK	0.00, 0.34, 0.40, 0.13
HSL	9°, 58%, 70%
HSV	9°, 40%, 87%
XYZ	45.1682, 38.2766, 27.5618
YIQ	168.2420, 49.4690, 12.0690

Conversions

Conversions Part 2

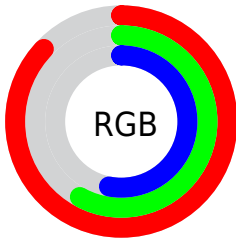
Format	Color
R _Y B	223, 149, 134
Decimal	14652294
CIE Lab	68.22, 27.15, 18.70
CIE LCh	68, 32.964, 34.556
Yxy	38.2766, 0.4069, 0.3448
Android (android.graphics.Color)	4292842374 (0xFFDF9386)
YUV	168.2420, -16.8813, 48.0228
Hunter-Lab	61.8681, 22.0488, 16.8944

Details

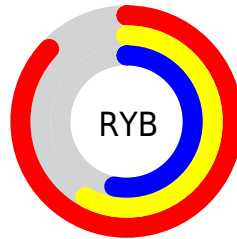
The XYZ color **45.1682, 38.2766, 27.5618** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.1965, 56.4871, 78.2802**, and the grayscale version is **37.4025, 39.3504, 42.8526**.

A 20% lighter version of the original color is **71.3302, 67.0889, 56.2037**, and **21.3002, 17.0052, 10.5472** is the 20% darker color. If you saturate the color by 10%, you get **41.0539, 32.2802, 19.3091**, and if you desaturate by 10%, it is **50.1025, 45.3881, 37.7065**.

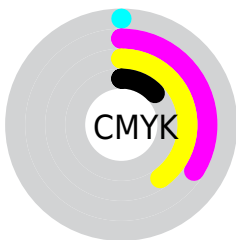
Distribution



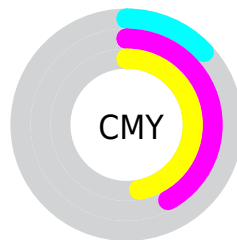
- Red (87%)
- Green (58%)
- Blue (53%)



- Red (87%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1682, 38.2766, 27.5618 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 45.1682, 38.2766, 27.5618 by changing the saturation by 10% instead.

 45.1682, 38.2766,
27.5618


 45.1682, 38.2766,
27.5618


358.2266,
338.8050, 304.2128


 31.7918, 26.1974,
17.7594

 82.2083, 72.5319,
56.7987

 21.3573, 16.9714,
10.6098


 106.6026, 95.4768,
77.0704

 13.4994, 10.2141,
5.6942


 135.4003,
122.8124, 101.6689

 7.8527, 5.5411,
2.5943

168.9667,
154.9232, 131.0127

 4.0518, 2.5681,
0.8895

207.6672,
192.1934, 165.5205

 1.7315, 0.9107,
0.0000

251.8671,

 0.4759, 0.0000,

235.0075, 205.6108

0.0000

301.9318,
283.7499, 251.7020

0.0000, 0.0000,
0.0000

45.1682, 38.2766,
27.5618

45.1682, 38.2766,
27.5618

41.0539, 32.2802,
19.3091

50.1025, 45.3881,
37.7065

37.7119, 27.3368,
12.8287

55.8954, 53.6616,
49.8484

35.0937, 23.3867,
7.9906

62.5863, 63.1481,
64.0876

33.1443, 20.3620,
4.6460

70.2115, 73.8938,
80.5168

31.8001, 18.1859,
2.6188

78.8051, 85.9425,
99.2231

■ 30.9696, 16.7627,
1.6090

■ 84.2414, 94.4280,
108.3942

■ 30.9638, 16.7528,
1.6016

Harmonies

Analogous

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



47.1809, 38.2766, 39.4626



45.1682, 38.2766, 27.5618



40.8068, 38.2766, 20.9420

Triad

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



45.1682, 38.2766, 27.5618



28.1454, 38.2766, 30.6334



37.1737, 38.2766, 76.8546

Complementary

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



45.1682, 38.2766, 27.5618



46.1965, 56.4871, 78.2802

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.



32.2869, 38.2766, 72.9189



45.1682, 38.2766, 27.5618



27.3690, 38.2766, 43.9721

Square

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



45.1682, 38.2766, 27.5618



31.0441, 38.2766, 22.3995



28.8140, 38.2766, 59.9374



42.2965, 38.2766, 69.6941

Rectangle

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



45.1682, 38.2766, 27.5618



37.3291, 38.2766, 19.3263



28.8140, 38.2766, 59.9374



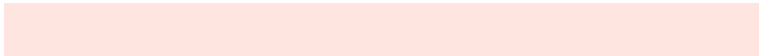
35.4486, 38.2766, 76.7970

Sweetspot

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



45.1692, 38.2785, 27.5625



82.7326, 82.6310, 82.3947



50.7313, 37.4484, 66.2702



17.4452, 17.3141, 17.0746



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.



45.1692, 38.2785, 27.5625



56.4300, 44.9103, 27.7400



53.2276, 54.3954, 30.2487



13.8680, 14.0220, 14.2824



18.2562, 9.9503, 0.9584



1.3171, 0.7931, 0.0837

Inverse Universe

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



46.1965, 56.4871, 78.2802



57.9773, 72.8090, 105.6056



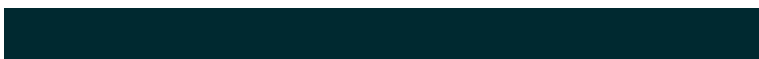
36.9028, 37.8997, 75.1824



13.9370, 15.2131, 17.5895



18.7762, 25.0220, 44.8885



1.3486, 1.8288, 3.1271

Previews

White Background



This preview shows how the XYZ color 45.1682, 38.2766, 27.5618 looks on a white background.

Color Contrast Check

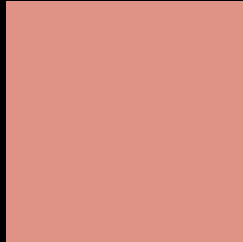
Large Text (above 18pt) WCAG AA × Fail

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 45.1682, 38.2766, 27.5618 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 45.1682, 38.2766, 27.5618

Background



This preview shows how black text looks on a background with the XYZ color 45.1682, 38.2766, 27.5618.



This preview shows how white text looks on a background with the XYZ color 45.1682, 38.2766,

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

45.1682, 38.2766, 27.5618

Protanopia

36.2733, 38.3696, 31.4809

Deuteranopia

39.2413, 38.4097, 27.1754



Tritanopia

46.9410, 38.3206, 35.9329

Trichromacy



Original Color

45.1682, 38.2766, 27.5618

Protanomaly

38.8700, 37.8962, 30.0770

Deuteranomaly

41.1318, 38.1153, 27.3794

Tritanomaly

46.1323, 38.2047, 32.5466

Monochromacy



Original Color

45.1682, 38.2766, 27.5618

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.3106, 38.2333, 36.7604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1682, 38.2766, 27.5618 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, 147, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 147, 134)  
}
```

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, 147, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 147, 134) }
```

Border

The CSS property to change the border of an element to XYZ 45.1682, 38.2766, 27.5618 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, 147, 134) }
```


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

```
.border{ border-color:rgb(223, 147, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 147, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 147, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 147, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 147,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1682, 38.2766, 27.5618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 147, 134) }
```

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

```
.background{ background-color: rgb(223,  
147, 134) }
```

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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