

Converting Colors

XYZ(38.9002, 45.9834, 27.2475)

Have a look what the booklet for
XYZ(38.9002, 45.9834, 27.2475)
contains.

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Color

**XYZ(38.9002, 45.9834,
27.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBB80
RGB	173, 187, 128
RGB Percent	68%, 73%, 50%
CMY	0.3216, 0.2666, 0.4980
CMYK	0.07, 0.00, 0.32, 0.27
HSL	74°, 30%, 62%
HSV	74°, 32%, 73%
XYZ	38.9002, 45.9834, 27.2475
YIQ	176.0880, 10.5950, -21.3170

Conversions

Conversions Part 2

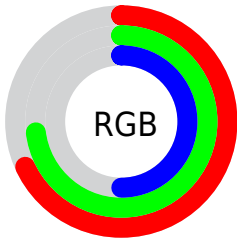
Format	Color
RYB	128, 187, 142
Decimal	11385728
CIELab	73.53, -14.70, 28.34
CIELCh	74, 31.922, 117.414
Yxy	45.9834, 0.3469, 0.4101
Android (android.graphics.Color)	4289575808 (0xFFADBB80)
YUV	176.0880, -23.7074, -2.7082
Hunter-Lab	67.8111, -16.2718, 23.6441

Details

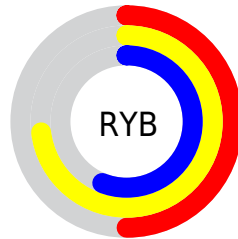
The XYZ color **38.9002, 45.9834, 27.2475** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.8459, 24.7782, 50.3313**, and the grayscale version is **41.4296, 43.5872, 47.4665**.

A 20% lighter version of the original color is **72.7042, 84.0954, 56.1162**, and **17.6460, 21.5933, 10.4456** is the 20% darker color. If you saturate the color by 10%, you get **36.8162, 45.0399, 21.3064**, and if you desaturate by 10%, it is **41.2460, 47.0386, 34.3869**.

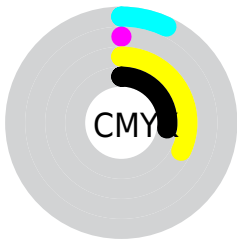
Distribution



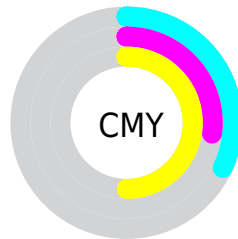
- Red (68%)
- Green (73%)
- Blue (50%)



- Red (50%)
- Yellow (73%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)





- Cyan (32%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9002, 45.9834, 27.2475 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 38.9002, 45.9834, 27.2475 by changing the saturation by 10% instead.


 38.9002, 45.9834,
27.2475


 38.9002, 45.9834,
27.2475


332.6805,
370.7419, 302.6515


 26.8625, 32.2327,
17.5251

 72.7809, 84.1942,
56.2893

 17.6060, 21.5393,
10.4437


 95.3545, 109.4230,
76.4458

 10.7655, 13.5188,
5.5847


 122.1709,
139.2467, 100.9175

 5.9755, 7.7868,
2.5296

153.5953,
174.0497, 130.1228

 2.8707, 3.9588,
0.8558

189.9931,
214.2163, 164.4803

 1.0858, 1.6505,
0.0000

231.7297,

 0.0132, 0.3913,

260.1309, 204.4086

0.0000

279.1703,
312.1780, 250.3261

■ 0.0000, 0.0000,
0.0000

■ 38.9002, 45.9834,
27.2475

■ 38.9002, 45.9834,
27.2475

■ 36.8162, 45.0399,
21.3064

■ 41.2460, 47.0386,
34.3869

■ 34.9778, 44.1967,
16.4948

■ 43.8620, 48.2041,
42.7824

■ 33.3720, 43.4503,
12.7417


■ 46.7604, 49.4863,
52.4915


■ 31.9834, 42.7944,
9.9668


■ 49.9516, 50.8896,
63.5673


■ 30.7941, 42.2219,
8.0781


■ 53.4453, 52.4178,
76.0601


 29.7831, 41.7243,
6.9662

 57.2510, 54.0747,
90.0176

 29.0332, 41.3483,
6.4508

 60.7424, 55.6099,
102.1401

 61.9770, 56.2463,
102.1978

 63.2466, 56.9008,
102.2572

Harmonies

Analogous

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



44.1970, 45.9834, 25.0079



38.9002, 45.9834, 27.2475



35.1898, 45.9834, 35.1340

Triad

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



38.9002, 45.9834, 27.2475



38.1213, 45.9834, 81.0637



55.4600, 45.9834, 51.4825

Complementary

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



38.9002, 45.9834, 27.2475



27.8459, 24.7782, 50.3313

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.



53.4956, 45.9834, 68.7281



38.9002, 45.9834, 27.2475



43.2184, 45.9834, 87.9478

Square

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



38.9002, 45.9834, 27.2475



34.7680, 45.9834, 65.7736



48.8918, 45.9834, 83.0113



54.0575, 45.9834, 37.0857

Rectangle

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



38.9002, 45.9834, 27.2475



33.9526, 45.9834, 43.6004



48.8918, 45.9834, 83.0113



55.1680, 45.9834, 57.1457

Sweetspot

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



38.9014, 45.9854, 27.2485



79.7544, 86.8617, 80.5838



34.0297, 31.4013, 24.6902



17.4014, 19.0567, 17.2111



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.9014, 45.9854, 27.2485



66.9840, 81.1397, 41.0677



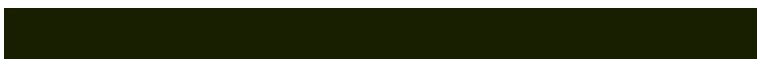
33.1232, 43.0067, 26.9781



10.0949, 11.0033, 10.1684



20.0697, 28.5222, 4.4475



0.8407, 1.1454, 0.1768

Inverse Universe

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



27.8459, 24.7782, 50.3313



44.0250, 37.0765, 89.0375



33.5431, 27.7152, 50.5979



9.2228, 9.3317, 11.9873



6.9621, 2.8752, 32.5809



0.3330, 0.1437, 1.2790

Previews

White Background



This preview shows how the XYZ color 38.9002, 45.9834, 27.2475 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 38.9002, 45.9834, 27.2475 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

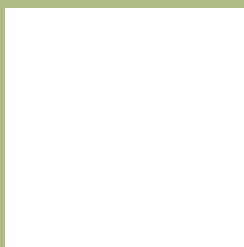
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9002, 45.9834, 27.2475

Background



This preview shows how black text looks on a background with the XYZ color 38.9002, 45.9834, 27.2475.



This preview shows how white text looks on a background with the XYZ color 38.9002, 45.9834,

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

38.9002, 45.9834, 27.2475

Protanopia

42.5286, 45.7253, 25.9864

Deuteranopia

46.7719, 45.8220, 27.8521



Tritanopia

45.0371, 46.0355, 56.9641

Trichromacy



Original Color

38.9002, 45.9834, 27.2475

Protanomaly

41.1929, 45.9381, 26.4345

Deuteranomaly

43.5028, 45.5946, 27.6269

Tritanomaly

42.4798, 45.9042, 44.1576

Monochromacy



Original Color

38.9002, 45.9834, 27.2475

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.2585, 44.2597, 39.2220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9002, 45.9834, 27.2475 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(173, 187, 128)` looks like.

```
.text, #text, p{  
    color:rgb(173, 187, 128)  
}
```

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(173, 187, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 187, 128) }
```

Border

The CSS property to change the border of an element to XYZ 38.9002, 45.9834, 27.2475 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(173, 187, 128) }
```


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

```
.border{ border-color:rgb(173, 187, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 187, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 187, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 187, 128);  
box-shadow:4px 4px 4px 4px rgb(173, 187,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9002, 45.9834, 27.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 187, 128) }
```

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

```
.background{ background-color: rgb(173,  
187, 128) }
```

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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