

Converting Colors

XYZ(45.3055, 38.0635, 27.0048)

Have a look what the booklet for
XYZ(45.3055, 38.0635, 27.0048)
contains.

XYZ(45.2530, 38.0985, 27.1590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.2530, 38.0985,
27.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	E09285
RGB	224, 146, 133
RGB Percent	88%, 57%, 52%
CMY	0.1216, 0.4274, 0.4784
CMYK	0.00, 0.35, 0.41, 0.12
HSL	9°, 59%, 70%
HSV	9°, 41%, 88%
XYZ	45.2530, 38.0985, 27.1590
YIQ	167.8400, 50.6610, 12.4930

Conversions

Conversions Part 2

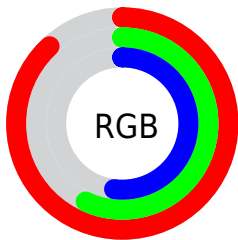
Format	Color
R_{YB}	224, 148, 133
Decimal	14717573
CIE _{Lab}	68.09, 27.96, 19.09
CIE _{LCh}	68, 33.853, 34.329
Yxy	38.0985, 0.4095, 0.3448
Android (android.graphics.Color)	4292907653 (0xFFE09285)
YUV	167.8400, -17.1761, 49.2523
Hunter-Lab	61.7240, 22.8505, 17.1188

Details

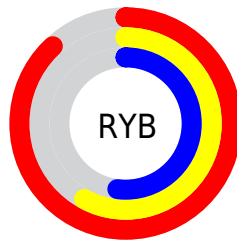
The XYZ color **45.2530, 38.0985, 27.1590** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.4207, 56.9547, 79.0677**, and the grayscale version is **37.2060, 39.1436, 42.6274**.

A 20% lighter version of the original color is **70.9896, 66.5785, 55.5637**, and **21.3794, 16.9159, 10.3219** is the 20% darker color. If you saturate the color by 10%, you get **41.1523, 32.1152, 18.9540**, and if you desaturate by 10%, it is **50.1827, 45.2115, 37.2691**.

Distribution



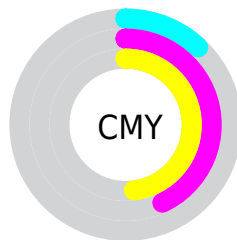
- Red (88%)
- Green (57%)
- Blue (52%)



- Red (88%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (41%)
- Black (12%)





- Cyan (12%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.2530, 38.0985, 27.1590 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 45.2530, 38.0985, 27.1590 by changing the saturation by 10% instead.


 45.2530, 38.0985,
27.1590


 45.2530, 38.0985,
27.1590


358.5637,
338.0423, 302.2106


 31.8589, 26.0591,
17.4592


 82.3347, 72.2591,
56.1457

 21.4088, 16.8679,
10.3970


 106.7529, 95.1491,
76.2697

 13.5373, 10.1403,
5.5539


 135.5766,
122.4248, 100.7056

 7.8791, 5.4921,
2.5114

169.1710,
154.4706, 129.8717

 4.0688, 2.5388,
0.8462

207.9016,
191.6708, 164.1868

 1.7411, 0.8960,
0.0000

252.1337,

 0.4818, 0.0000,

234.4099, 204.0692

0.0000

302.2326,
283.0723, 249.9377

■ 0.0000, 0.0000,
0.0000

■ 45.2530, 38.0985,
27.1590

■ 45.2530, 38.0985,
27.1590

■ 41.1523, 32.1152,
18.9540

■ 50.1827, 45.2115,
37.2691

■ 37.8316, 27.1979,
12.5321

■ 55.9808, 53.5025,
49.3915

■ 35.2414, 23.2852,
7.7607

■ 62.6878, 63.0238,
63.6278

■ 33.3250, 20.3069,
4.4875

■ 70.3406, 73.8227,
80.0724

■ 32.0169, 18.1836,
2.5318

■ 78.9742, 85.9442,
98.8137

■ 31.2573, 16.8809,
1.6109

■ 84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



47.3000, 38.0985, 39.3278



45.2530, 38.0985, 27.1590



40.7870, 38.0985, 20.4182

Triad

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



45.2530, 38.0985, 27.1590



27.8151, 38.0985, 30.1254



36.9828, 38.0985, 77.7267

Complementary

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



45.2530, 38.0985, 27.1590



46.4207, 56.9547, 79.0677

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.



31.9917, 38.0985, 73.5702



45.2530, 38.0985, 27.1590



27.0074, 38.0985, 43.7151

Square

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



45.2530, 38.0985, 27.1590



30.7858, 38.0985, 21.8163



28.4624, 38.0985, 60.1221



42.2399, 38.0985, 70.4029

Rectangle

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



45.2530, 38.0985, 27.1590



37.2233, 38.0985, 18.7656



28.4624, 38.0985, 60.1221



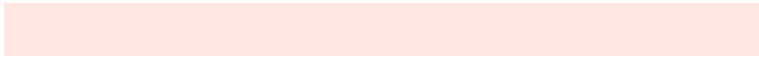
35.2182, 38.0985, 77.6367

Sweetspot

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



45.2540, 38.1004, 27.1597



82.7054, 82.5767, 82.3856



50.9950, 37.3694, 66.7246



17.4389, 17.3014, 17.0725



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.



45.2540, 38.1004, 27.1597



55.8479, 44.0236, 26.6906



53.5252, 54.6428, 29.9168



13.8645, 14.0149, 14.2812



18.2439, 9.9258, 0.9543



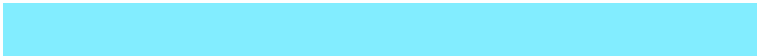
1.3154, 0.7897, 0.0831

Inverse Universe

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



46.4207, 56.9547, 79.0677



57.5893, 72.6212, 105.5898



36.8307, 37.7747, 75.8710



13.9409, 15.2209, 17.5908



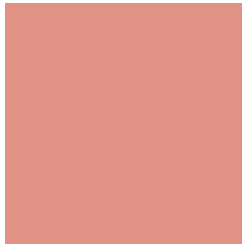
18.8668, 25.2031, 44.9187



1.3541, 1.8396, 3.1290

Previews

White Background



This preview shows how the XYZ color 45.2530, 38.0985, 27.1590 looks on a white background.

Color Contrast Check

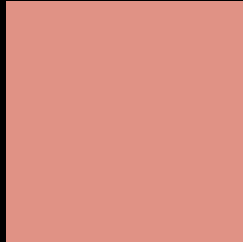
Large Text (above 18pt) WCAG AA × Fail

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 45.2530, 38.0985, 27.1590 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 45.2530, 38.0985, 27.1590

Background



This preview shows how black text looks on a background with the XYZ color 45.2530, 38.0985, 27.1590.



This preview shows how white text looks on a background with the XYZ color 45.2530, 38.0985,

27.1590.

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

45.2530, 38.0985, 27.1590

Protanopia

36.2733, 38.3696, 31.4809

Deuteranopia

39.1057, 38.3554, 26.4613



Tritanopia

47.0192, 38.1468, 35.4567

Trichromacy



Original Color

45.2530, 38.0985, 27.1590

Protanomaly

39.0507, 37.9978, 29.7022

Deuteranomaly

41.2717, 38.2032, 26.6714

Tritanomaly

46.2129, 38.0294, 32.0988

Monochromacy



Original Color

45.2530, 38.0985, 27.1590

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.2262, 38.1995, 36.3161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2530, 38.0985, 27.1590 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(224, 146, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 146, 133)  
}
```

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(224, 146, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 146, 133) }
```

Border

The CSS property to change the border of an element to XYZ 45.2530, 38.0985, 27.1590 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(224, 146, 133) }
```


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

```
.border{ border-color:rgb(224, 146, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 146, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 146, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 146, 133);  
box-shadow:4px 4px 4px 4px rgb(224, 146,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2530, 38.0985, 27.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 146, 133) }
```

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

```
.background{ background-color: rgb(224,  
146, 133) }
```

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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