

Converting Colors

XYZ(45.6340, 38.0516, 27.9848)

Have a look what the booklet for
XYZ(45.6340, 38.0516, 27.9848)
contains.

XYZ(45.5499, 38.0076, 27.8571)	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(45.5499, 38.0076,
27.8571)**

Conversions

Conversions Part 1

Format	Color
Hex	E19187
RGB	225, 145, 135
RGB Percent	88%, 57%, 53%
CMY	0.1176, 0.4313, 0.4706
CMYK	0.00, 0.36, 0.40, 0.12
HSL	7°, 60%, 71%
HSV	7°, 40%, 88%
XYZ	45.5499, 38.0076, 27.8571
YIQ	167.7800, 50.8900, 13.8500

Conversions

Conversions Part 2

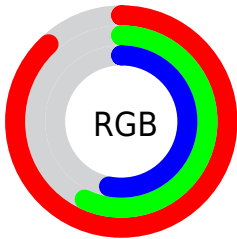
Format	Color
R _Y B	225, 146, 135
Decimal	14782855
CIE Lab	68.03, 29.10, 17.91
CIE LCh	68, 34.165, 31.608
Yxy	38.0076, 0.4088, 0.3411
Android (android.graphics.Color)	4292972935 (0xFFE19187)
YUV	167.7800, -16.1605, 50.1819
Hunter-Lab	61.6503, 23.9955, 16.3646

Details

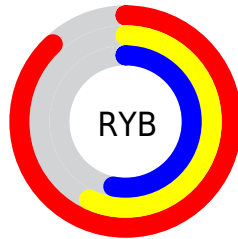
The XYZ color **45.5499, 38.0076, 27.8571** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.8816, 59.1856, 80.1344**, and the grayscale version is **37.1717, 39.1075, 42.5881**.

A 20% lighter version of the original color is **70.9714, 66.1994, 56.6141**, and **21.5787, 16.8768, 10.7145** is the 20% darker color. If you saturate the color by 10%, you get **41.3385, 31.8577, 19.4463**, and if you desaturate by 10%, it is **50.6360, 45.3710, 38.2117**.

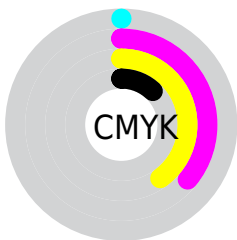
Distribution



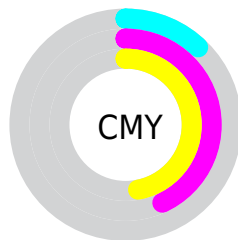
- Red (88%)
- Green (57%)
- Blue (53%)



- Red (88%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (12%)





- Cyan (12%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5499, 38.0076, 27.8571 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 45.5499, 38.0076, 27.8571 by changing the saturation by 10% instead.


 45.5499, 38.0076,
27.8571


 45.5499, 38.0076,
27.8571


359.7425,
337.6526, 305.6739


 32.0939, 25.9886,
17.9799


 82.7770, 72.1198,
57.2766

 21.5891, 16.8151,
10.7662


 107.2788, 94.9817,
77.6559

 13.6702, 10.1028,
5.7977


 136.1932,
122.2268, 102.3730

 7.9718, 5.4671,
2.6557

169.8856,
154.2394, 131.8464

 4.1286, 2.5239,
0.9210

208.7214,
191.4039, 166.4946

 1.7751, 0.8886,
0.0000

253.0659,

 0.5026, 0.0000,

234.1046, 206.7362

0.0000

303.2845,
282.7261, 252.9898

■ 0.0000, 0.0000,
0.0000

■ 45.5499, 38.0076,
27.8571

■ 45.5499, 38.0076,
27.8571

■ 41.3385, 31.8577,
19.4463

■ 50.6360, 45.3710,
38.2117

■ 37.9493, 26.8506,
12.8556

■ 56.6393, 54.0022,
50.6188

■ 35.3288, 22.9174,
7.9508

■ 63.6033, 63.9593,
65.1818

■ 33.4159, 19.9789,
4.5778

■ 71.5675, 75.2948,
81.9962

■ 32.1399, 17.9451,
2.5544

■ 80.5696, 88.0585,
101.1521

■ 31.3992, 16.7034,
1.5692

■ 84.8613, 94.7475,
108.4232

■ 31.3992, 16.7033,
1.5691

Harmonies

Analogous

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



47.3382, 38.0076, 40.5674



45.5499, 38.0076, 27.8571



41.2075, 38.0076, 20.6010

Triad

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



45.5499, 38.0076, 27.8571



27.8572, 38.0076, 28.9648



36.4128, 38.0076, 78.0923

Complementary

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



45.5499, 38.0076, 27.8571



47.8816, 59.1856, 80.1344

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.



31.4788, 38.0076, 72.8539



45.5499, 38.0076, 27.8571



26.8392, 38.0076, 42.2111

Square

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



45.5499, 38.0076, 27.8571



31.0275, 38.0076, 21.1215



28.0992, 38.0076, 58.7039



41.7525, 38.0076, 71.6623

Rectangle

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



45.5499, 38.0076, 27.8571



37.6377, 38.0076, 18.6509



28.0992, 38.0076, 58.7039



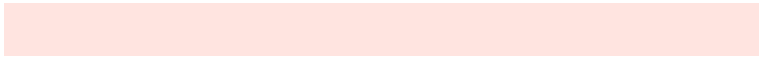
34.6536, 38.0076, 77.6322

Sweetspot

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



45.5509, 38.0095, 27.8578



82.4378, 82.0413, 82.2964



52.1101, 38.2937, 69.6107



17.3764, 17.1765, 17.0517



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.



45.5509, 38.0095, 27.8578



55.7568, 43.5640, 27.5157



53.6222, 54.1522, 30.5483



13.8293, 13.9446, 14.2695



18.1357, 9.7092, 0.9182



1.2987, 0.7563, 0.0775

Inverse Universe

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



47.8816, 59.1856, 80.1344



59.2316, 75.3177, 106.0237



38.1455, 39.7133, 76.8891



13.9797, 15.2984, 17.6038



19.7856, 27.0407, 45.2249



1.4090, 1.9495, 3.1473

Previews

White Background



This preview shows how the XYZ color 45.5499, 38.0076, 27.8571 looks on a white background.

Color Contrast Check

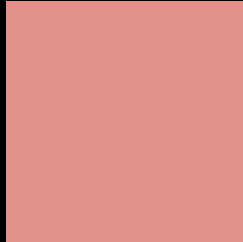
Large Text (above 18pt) WCAG AA × Fail

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 45.5499, 38.0076, 27.8571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

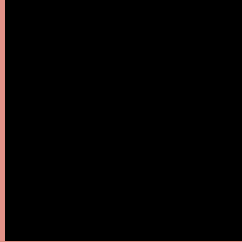
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5499, 38.0076, 27.8571

Background



This preview shows how black text looks on a background with the XYZ color 45.5499, 38.0076, 27.8571.



This preview shows how white text looks on a background with the XYZ color 45.5499, 38.0076,

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

45.5499, 38.0076, 27.8571

Protanopia

36.2026, 38.3154, 32.2756

Deuteranopia

38.9838, 38.2769, 27.1633



Tritanopia

47.1013, 37.9768, 34.9847

Trichromacy



Original Color

45.5499, 38.0076, 27.8571

Protanomaly

39.0269, 37.7143, 30.4219

Deuteranomaly

41.1318, 38.1153, 27.3794

Tritanomaly

46.3748, 37.8890, 32.0632

Monochromacy



Original Color

45.5499, 38.0076, 27.8571

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.5578, 38.3607, 36.7719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5499, 38.0076, 27.8571 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, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 145, 135)  
}
```

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, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 145, 135) }
```

Border

The CSS property to change the border of an element to XYZ 45.5499, 38.0076, 27.8571 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, 145, 135) }
```


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

```
.border{ border-color:rgb(225, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 145,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5499, 38.0076, 27.8571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 145, 135) }
```

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

```
.background{ background-color: rgb(225,  
145, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor