

Converting Colors

XYZ(45.7792, 38.4060, 26.0976)

Have a look what the booklet for
XYZ(45.7792, 38.4060, 26.0976)
contains.

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Color

**XYZ(45.6722, 38.3382,
26.1119)**

Conversions

Conversions Part 1

Format	Color
Hex	E29282
RGB	226, 146, 130
RGB Percent	89%, 57%, 51%
CMY	0.1137, 0.4274, 0.4902
CMYK	0.00, 0.35, 0.42, 0.11
HSL	10°, 62%, 70%
HSV	10°, 42%, 89%
XYZ	45.6722, 38.3382, 26.1119
YIQ	168.0960, 52.8160, 11.9840

Conversions

Conversions Part 2

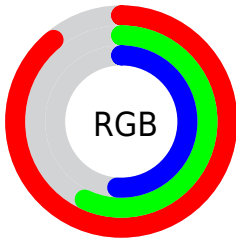
Format	Color
R _Y B	226, 149, 130
Decimal	14848642
CIE Lab	68.27, 28.40, 21.03
CIE LCh	68, 35.341, 36.525
Yxy	38.3382, 0.4147, 0.3481
Android (android.graphics.Color)	4293038722 (0xFFE29282)
YUV	168.0960, -18.7813, 50.7818
Hunter-Lab	61.9178, 23.3100, 18.3388

Details

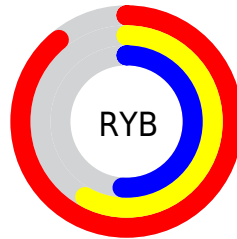
The XYZ color **45.6722, 38.3382, 26.1119** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.9790, 56.3277, 80.4005**, and the grayscale version is **37.3386, 39.2832, 42.7794**.

A 20% lighter version of the original color is **70.6739, 66.4522, 53.9014**, and **21.7259, 17.1033, 9.9408** is the 20% darker color. If you saturate the color by 10%, you get **41.6509, 32.4624, 18.0915**, and if you desaturate by 10%, it is **50.5069, 45.3074, 36.0478**.

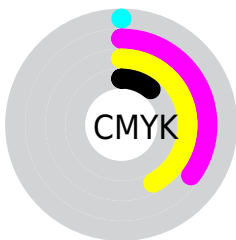
Distribution



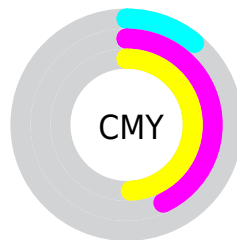
- Red (89%)
- Green (57%)
- Blue (51%)



- Red (89%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (11%)





- Cyan (11%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6722, 38.3382, 26.1119 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 45.6722, 38.3382, 26.1119 by changing the saturation by 10% instead.


 45.6722, 38.3382,
26.1119

 45.6722, 38.3382,
26.1119


360.2273,
339.0685, 296.9539

 32.1908, 26.2453,
16.6809


 82.9591, 72.6262,
54.4417

 21.6635, 17.0072,
9.8477


 107.4952, 95.5901,
74.1776

 13.7251, 10.2396,
5.1938


 136.4470,
122.9464, 98.1854

 8.0101, 5.5581,
2.3007

170.1797,
155.0796, 126.8838

 4.1533, 2.5783,
0.7316

209.0587,
192.3740, 160.6914

 1.7892, 0.9158,
0.0000

253.4494,

 0.5112, 0.0000,

235.2140, 200.0265

0.0000

303.7172,
283.9841, 245.3078

■ 0.0000, 0.0000,
0.0000

■ 45.6722, 38.3382,
26.1119

■ 45.6722, 38.3382,
26.1119

■ 41.6509, 32.4624,
18.0915

■ 50.5069, 45.3074,
36.0478

■ 38.3945, 27.6188,
11.8603

■ 56.1937, 53.4160,
48.0097

■ 35.8540, 23.7486,
7.2806

■ 62.7728, 62.7140,
62.1024

■ 33.9731, 20.7848,
4.1934

■ 70.2804, 73.2471,
78.4230

■ 32.6863, 18.6514,
2.4077

■ 78.7511, 85.0583,
97.0622

■ 32.0469, 17.5345,
1.6954

■ 85.1740, 94.9088,
108.4378

Harmonies

Analogous

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



48.0610, 38.3382, 38.3769



45.6722, 38.3382, 26.1119



40.8425, 38.3382, 19.5737

Triad

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



45.6722, 38.3382, 26.1119



27.5281, 38.3382, 30.7474



37.6614, 38.3382, 79.9107

Complementary

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



45.6722, 38.3382, 26.1119



45.9790, 56.3277, 80.4005

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.



32.3645, 38.3382, 76.3813



45.6722, 38.3382, 26.1119



26.8606, 38.3382, 45.3021

Square

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



45.6722, 38.3382, 26.1119



30.4684, 38.3382, 21.7382



28.5430, 38.3382, 62.6251



43.1434, 38.3382, 71.3188

Rectangle

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



45.6722, 38.3382, 26.1119



37.0878, 38.3382, 18.1232



28.5430, 38.3382, 62.6251



35.7985, 38.3382, 80.1288

Sweetspot

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



45.6732, 38.3401, 26.1126



81.9770, 81.6704, 80.4452



50.9797, 36.7875, 65.3867



17.1163, 16.8745, 16.2925



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.



45.6732, 38.3401, 26.1126



55.3150, 43.4925, 24.8648



54.6852, 56.3642, 29.1167



13.8910, 14.0679, 14.2900



18.3408, 10.1195, 0.9866



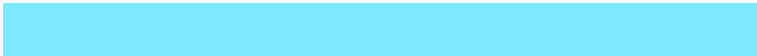
1.3279, 0.8147, 0.0873

Inverse Universe

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



45.9790, 56.3277, 80.4005



55.7292, 70.0344, 105.1885



35.8540, 36.0778, 77.0255



13.9119, 15.1629, 17.5812



18.2056, 23.8808, 44.6983



1.3142, 1.7600, 3.1157

Previews

White Background



This preview shows how the XYZ color 45.6722, 38.3382, 26.1119 looks on a white background.

Color Contrast Check

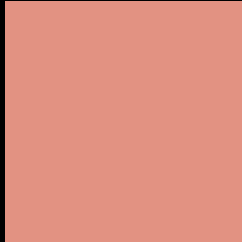
Large Text (above 18pt) WCAG AA × Fail

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 45.6722, 38.3382, 26.1119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

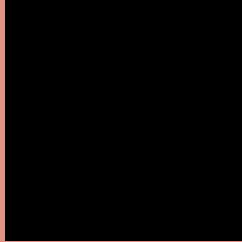
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6722, 38.3382, 26.1119

Background



This preview shows how black text looks on a background with the XYZ color 45.6722, 38.3382, 26.1119.



This preview shows how white text looks on a background with the XYZ color 45.6722, 38.3382,

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

45.6722, 38.3382, 26.1119

Protanopia

36.2743, 38.3960, 30.3102

Deuteranopia

39.1665, 38.4097, 25.4282



Tritanopia

47.5671, 38.4388, 35.0494

Trichromacy



Original Color

45.6722, 38.3382, 26.1119

Protanomaly

39.0902, 38.0432, 28.5753

Deuteranomaly

41.3498, 38.2666, 25.6289

Tritanomaly

46.7626, 38.3217, 31.7202

Monochromacy



Original Color

45.6722, 38.3382, 26.1119

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.3898, 38.2935, 35.8872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6722, 38.3382, 26.1119 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(226, 146, 130)` looks like.

```
.text, #text, p{  
    color:rgb(226, 146, 130)  
}
```

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(226, 146, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 146, 130) }
```

Border

The CSS property to change the border of an element to XYZ 45.6722, 38.3382, 26.1119 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(226, 146, 130) }
```


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

```
.border{ border-color:rgb(226, 146, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 146, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 146, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 146, 130);  
box-shadow:4px 4px 4px 4px rgb(226, 146,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6722, 38.3382, 26.1119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 146, 130) }
```

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

```
.background{ background-color: rgb(226,  
146, 130) }
```

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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