

Converting Colors

XYZ(50.2318, 45.6804, 26.9386)

Have a look what the booklet for
XYZ(50.2318, 45.6804, 26.9386)
contains.

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Color

**XYZ(50.2318, 45.6804,
26.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A681
RGB	230, 166, 129
RGB Percent	90%, 65%, 51%
CMY	0.0980, 0.3490, 0.4941
CMYK	0.00, 0.28, 0.44, 0.10
HSL	22°, 67%, 70%
HSV	22°, 44%, 90%
XYZ	50.2318, 45.6804, 26.9386
YIQ	180.9180, 50.0210, 2.0610

Conversions

Conversions Part 2

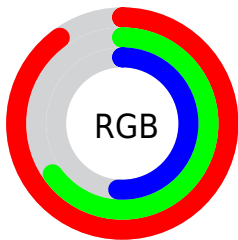
Format	Color
R _Y B	230, 187, 129
Decimal	15115905
CIE Lab	73.34, 19.17, 28.48
CIE LCh	73, 34.329, 56.045
Yxy	45.6804, 0.4089, 0.3718
Android (android.graphics.Color)	4293305985 (0xFFE6A681)
YUV	180.9180, -25.5956, 43.0449
Hunter-Lab	67.5873, 14.3859, 23.6796

Details

The XYZ color **50.2318, 45.6804, 26.9386** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.4054, 48.5183, 81.9928**, and the grayscale version is **43.9927, 46.2837, 50.4030**.

A 20% lighter version of the original color is **75.5399, 76.3503, 55.0117**, and **24.4419, 21.3698, 10.2337** is the 20% darker color. If you saturate the color by 10%, you get **46.3711, 40.1364, 18.9392**, and if you desaturate by 10%, it is **54.7391, 51.9669, 36.8520**.

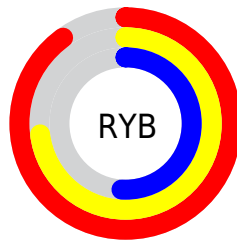
Distribution



Red (90%)

Green (65%)

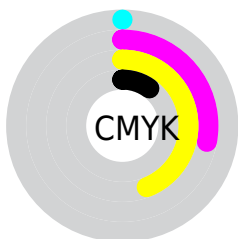
Blue (51%)



Red (90%)

Yellow (73%)

Blue (51%)

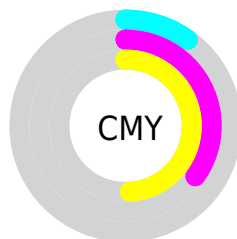


Cyan (0%)

Magenta (28%)

Yellow (44%)

Black (10%)



Cyan (10%)


Magenta (35%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2318, 45.6804, 26.9386 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 50.2318, 45.6804, 26.9386 by changing the saturation by 10% instead.

 50.2318, 45.6804,
26.9386


 50.2318, 45.6804,
26.9386


378.0088,
369.5223, 301.1105


 35.8162, 31.9937,
17.2951


 89.7080, 83.7405,
55.7879

 24.4617, 21.3567,
10.2809


 115.4993,
108.8827, 75.8307

 15.8031, 13.3850,
5.4776


 145.8131,
138.6121, 100.1770

 9.4749, 7.6942,
2.4665

181.0149,
173.3132, 129.2454

 5.1118, 3.8999,
0.8223

221.4701,
213.3704, 163.4545

 2.3484, 1.6177,
0.0000

267.5438,

 0.8193, 0.3695,

259.1680, 203.2226

0.0000

319.6016,
311.0905, 248.9684

■ 0.0000, 0.0000,
0.0000

■ 50.2318, 45.6804,
26.9386

■ 50.2318, 45.6804,
26.9386

■ 46.3711, 40.1364,
18.9392

■ 54.7391, 51.9669,
36.8520

■ 43.1202, 35.2990,
12.7247

■ 59.9203, 59.0166,
48.7915

■ 40.4435, 31.1388,
8.1540


■ 65.8051, 66.8579,
62.8636

■ 38.2994, 27.6214,
5.0633

■ 72.4204, 75.5154,
79.1666

■ 36.6391, 24.7081,
3.2536

■ 79.7913, 85.0125,
97.7928

 35.8243, 23.2054,
2.5909

 85.9489, 94.5746,
108.3325

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



54.7084, 45.6804, 36.5185



50.2318, 45.6804, 26.9386



44.2236, 45.6804, 23.3915

Triad

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



50.2318, 45.6804, 26.9386



32.8333, 45.6804, 47.4798



48.7186, 45.6804, 85.9987

Complementary

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



50.2318, 45.6804, 26.9386



42.4054, 48.5183, 81.9928

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.



42.6219, 45.6804, 90.8378



50.2318, 45.6804, 26.9386



33.7985, 45.6804, 65.8157

Square

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



50.2318, 45.6804, 26.9386



34.4807, 45.6804, 33.3800



37.2498, 45.6804, 82.7369



53.7795, 45.6804, 70.7207

Rectangle

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



50.2318, 45.6804, 26.9386



40.2868, 45.6804, 24.1349



37.2498, 45.6804, 82.7369



46.7071, 45.6804, 89.0325

Sweetspot

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



50.2329, 45.6826, 26.9395



83.8263, 85.3691, 81.0616



50.2944, 36.4482, 55.8072



17.5685, 17.7788, 16.4432



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.



50.2329, 45.6826, 26.9395



58.8774, 51.1252, 24.4866



60.8579, 66.9326, 30.4812



14.8072, 15.2283, 15.0634



20.3884, 13.3509, 1.5024



1.5928, 1.1590, 0.1398

Inverse Universe

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



42.4054, 48.5183, 81.9928



47.7219, 55.0964, 102.7272



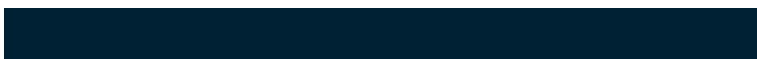
33.3326, 30.3728, 78.9685



14.3403, 15.4019, 18.3614



14.0025, 15.0671, 44.5534



1.1226, 1.2891, 3.3216

Previews

White Background



This preview shows how the XYZ color 50.2318, 45.6804, 26.9386 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 50.2318, 45.6804, 26.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

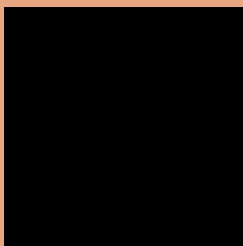
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2318, 45.6804, 26.9386

Background



This preview shows how black text looks on a background with the XYZ color 50.2318, 45.6804, 26.9386.



This preview shows how white text looks on a background with the XYZ color 50.2318, 45.6804,

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

50.2318, 45.6804, 26.9386

Protanopia

42.6868, 45.7292, 29.4985

Deuteranopia

46.8642, 45.8927, 26.8102



Tritanopia

53.9489, 45.6126, 44.9904

Trichromacy



Original Color

50.2318, 45.6804, 26.9386

Protanomaly

45.0172, 45.4752, 28.5952

Deuteranomaly

47.7862, 45.5236, 26.6904

Tritanomaly

52.5254, 45.5646, 37.4789

Monochromacy



Original Color

50.2318, 45.6804, 26.9386

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.6001, 45.8014, 40.6196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2318, 45.6804, 26.9386 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(230, 166, 129)` looks like.

```
.text, #text, p{  
    color:rgb(230, 166, 129)  
}
```

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(230, 166, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 166, 129) }
```

Border

The CSS property to change the border of an element to XYZ 50.2318, 45.6804, 26.9386 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(230, 166, 129) }
```


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

```
.border{ border-color:rgb(230, 166, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 166, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 166, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 166, 129);  
box-shadow:4px 4px 4px 4px rgb(230, 166,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2318, 45.6804, 26.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 166, 129) }
```

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

```
.background{ background-color: rgb(230,  
166, 129) }
```

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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