

Converting Colors

XYZ(51.7294, 49.4829, 26.7351)

Have a look what the booklet for
XYZ(51.7294, 49.4829, 26.7351)
contains.

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Color

**XYZ(51.8660, 49.6346,
26.9255)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B17F
RGB	229, 177, 127
RGB Percent	90%, 69%, 50%
CMY	0.1020, 0.3059, 0.5020
CMYK	0.00, 0.23, 0.45, 0.10
HSL	29°, 66%, 70%
HSV	29°, 45%, 90%
XYZ	51.8660, 49.6346, 26.9255
YIQ	186.8480, 47.0420, -4.5260

Conversions

Conversions Part 2

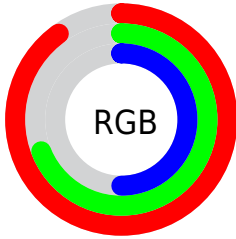
Format	Color
R _Y B	229, 225, 127
Decimal	15053183
CIE Lab	75.84, 12.71, 32.82
CIE LCh	76, 35.191, 68.835
Yxy	49.6346, 0.4039, 0.3865
Android (android.graphics.Color)	4293243263 (0xFFE5B17F)
YUV	186.8480, -29.5051, 36.9673
Hunter-Lab	70.4518, 8.1194, 26.6566

Details

The XYZ color **51.8660, 49.6346, 26.9255** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.0147, 42.4077, 80.2578**, and the grayscale version is **47.2920, 49.7548, 54.1830**.

A 20% lighter version of the original color is **78.6171, 82.8331, 55.0248**, and **25.3418, 23.6091, 10.2425** is the 20% darker color. If you saturate the color by 10%, you get **48.3321, 44.6900, 19.2025**, and if you desaturate by 10%, it is **55.9388, 55.1142, 36.5025**.

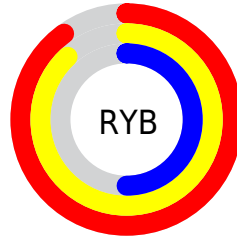
Distribution



Red (90%)

Green (69%)

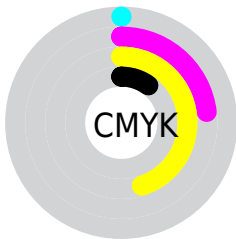
Blue (50%)



Red (90%)

Yellow (88%)

Blue (50%)

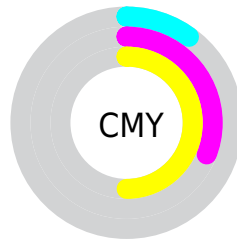


Cyan (0%)

Magenta (23%)

Yellow (45%)

Black (10%)



Cyan (10%)


Magenta (31%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8660, 49.6346, 26.9255 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 51.8660, 49.6346, 26.9255 by changing the saturation by 10% instead.


 51.8660, 49.6346,
26.9255


 51.8660, 49.6346,
26.9255


384.2515,
385.2353, 301.0450


 37.1221, 35.1231,
17.2853


 92.1090, 89.6332,
55.7666

 25.4762, 23.7578,
10.2740


 118.3388,
115.8892, 75.8046

 16.5628, 15.1540,
5.4731


 149.1280,
146.8289, 100.1456

 10.0166, 8.9276,
2.4639

184.8418,
182.8365, 129.2082

 5.4723, 4.6940,
0.8209

225.8458,
224.2966, 163.4109

 2.5646, 2.0688,
0.0000

272.5051,

 0.9279, 0.6470,

271.5935, 203.1722

0.0000

325.1853,
325.1116, 248.9107

■ 0.0000, 0.0000,
0.0000

■ 51.8660, 49.6346,
26.9255

■ 51.8660, 49.6346,
26.9255

■ 48.3321, 44.6900,
19.2025

■ 55.9388, 55.1142,
36.5025

■ 45.3053, 40.2540,
13.2063

■ 60.5727, 61.1395,
48.0433

■ 42.7554, 36.3084,
8.7981


■ 65.7929, 67.7299,
61.6523


■ 40.6467, 32.8303,
5.8161


■ 71.6217, 74.9013,
77.4258

■ 38.9365, 29.7937,
4.0627

■ 78.0804, 82.6692,
95.4540

 38.1366, 28.3052,
3.4534

 83.6379, 90.4276,
107.6538

 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



57.6705, 49.6346, 34.4517



51.8660, 49.6346, 26.9255



45.2702, 49.6346, 25.6862

Triad

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



51.8660, 49.6346, 26.9255



35.8045, 49.6346, 59.7687



55.5134, 49.6346, 87.2493

Complementary

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



51.8660, 49.6346, 26.9255



39.0147, 42.4077, 80.2578

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.



49.1350, 49.6346, 98.0380



51.8660, 49.6346, 26.9255



38.0391, 49.6346, 79.9330

Square

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



51.8660, 49.6346, 26.9255



36.3895, 49.6346, 42.0503



42.7780, 49.6346, 95.0888



59.9080, 49.6346, 68.1246

Rectangle

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



51.8660, 49.6346, 26.9255



41.3649, 49.6346, 28.2260



42.7780, 49.6346, 95.0888



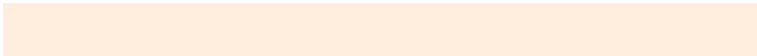
53.5077, 49.6346, 92.1509

Sweetspot

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



51.8672, 49.6370, 26.9265



85.0089, 87.7342, 81.4558



48.1104, 35.1203, 47.2636



17.8592, 18.3603, 16.5401



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.



51.8672, 49.6370, 26.9265



62.2025, 57.7753, 25.5949



63.6951, 73.2926, 30.8691



14.9574, 15.5288, 15.1135



21.9246, 16.4233, 2.0145



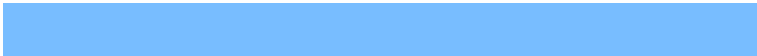
1.7129, 1.3992, 0.1798

Inverse Universe

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



39.0147, 42.4077, 80.2578



43.9173, 47.4871, 101.4590



30.7065, 25.7914, 77.4884



14.1872, 15.0958, 18.3104



11.8265, 10.7151, 43.8281



0.9669, 0.9777, 3.2697

Previews

White Background



This preview shows how the XYZ color 51.8660, 49.6346, 26.9255 looks on a white background.

Color Contrast Check

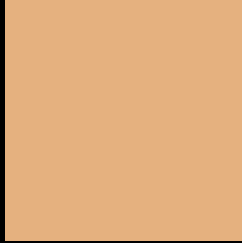
Large Text (above 18pt) WCAG AA × Fail

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 51.8660, 49.6346, 26.9255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

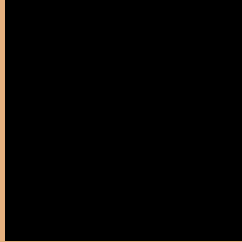
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8660, 49.6346, 26.9255

Background



This preview shows how black text looks on a background with the XYZ color 51.8660, 49.6346, 26.9255.



This preview shows how white text looks on a background with the XYZ color 51.8660, 49.6346,

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

51.8660, 49.6346, 26.9255

Protanopia

46.2242, 49.7359, 28.6364

Deuteranopia

50.6913, 49.6198, 26.9845



Tritanopia

56.8537, 49.6608, 51.3887

Trichromacy



Original Color

51.8660, 49.6346, 26.9255

Protanomaly

48.1141, 49.4757, 28.1330

Deuteranomaly

51.1152, 49.5418, 26.9471

Tritanomaly

54.8331, 49.6873, 41.3509

Monochromacy



Original Color

51.8660, 49.6346, 26.9255

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0821, 49.1401, 42.5481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8660, 49.6346, 26.9255 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(229, 177, 127)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 127)  
}
```

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(229, 177, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 127) }
```

Border

The CSS property to change the border of an element to XYZ 51.8660, 49.6346, 26.9255 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(229, 177, 127) }
```


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

```
.border{ border-color:rgb(229, 177, 127) }
```

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

Here you see how a box with a 4 pixel rgb(229, 177, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 177, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 177, 127);  
box-shadow:4px 4px 4px 4px rgb(229, 177,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8660, 49.6346, 26.9255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 127) }
```

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

```
.background{ background-color: rgb(229,  
177, 127) }
```

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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