

Converting Colors

XYZ(48.9469, 45.5091, 26.2293)

Have a look what the booklet for
XYZ(48.9469, 45.5091, 26.2293)
contains.

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Color

**XYZ(48.8847, 45.5451,
26.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A87F
RGB	225, 168, 127
RGB Percent	88%, 66%, 50%
CMY	0.1176, 0.3412, 0.5020
CMYK	0.00, 0.25, 0.44, 0.12
HSL	25°, 62%, 69%
HSV	25°, 44%, 88%
XYZ	48.8847, 45.5451, 26.2933
YIQ	180.3690, 47.1330, -0.6670

Conversions

Conversions Part 2

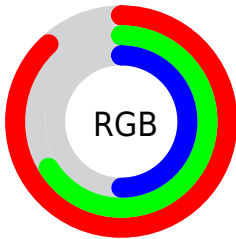
Format	Color
R _Y B	225, 197, 127
Decimal	14788735
CIE Lab	73.25, 15.91, 29.33
CIE LCh	73, 33.370, 61.528
Yxy	45.5451, 0.4049, 0.3773
Android (android.graphics.Color)	4292978815 (0xFFE1A87F)
YUV	180.3690, -26.3109, 39.1414
Hunter-Lab	67.4871, 11.1951, 24.1413

Details

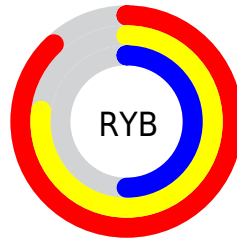
The XYZ color **48.8847, 45.5451, 26.2933** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.4828, 44.2275, 77.6897**, and the grayscale version is **43.7011, 45.9769, 50.0689**.

A 20% lighter version of the original color is **75.8659, 77.3306, 54.1078**, and **23.7334, 21.3514, 9.8915** is the 20% darker color. If you saturate the color by 10%, you get **45.2836, 40.4334, 18.6484**, and if you desaturate by 10%, it is **53.0587, 51.2784, 35.7455**.

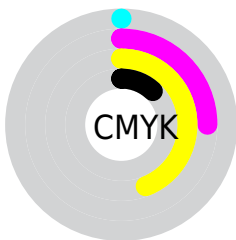
Distribution



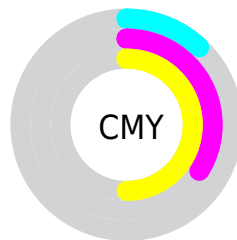
- Red (88%)
- Green (66%)
- Blue (50%)



- Red (88%)
- Yellow (77%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (12%)





- Cyan (12%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8847, 45.5451, 26.2933 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 48.8847, 45.5451, 26.2933 by changing the saturation by 10% instead.


 48.8847, 45.5451,
26.2933


 48.8847, 45.5451,
26.2933


372.8127,
368.9768, 297.8701

 34.7422, 31.8870,
16.8155


 87.7219, 83.5378,
54.7376

 23.6299, 21.2752,
9.9424


 113.1474,
108.6412, 74.5412

 15.1826, 13.3253,
5.2557


 143.0645,
138.3284, 98.6237

 9.0348, 7.6529,
2.3367

177.8386,
172.9840, 127.4038

 4.8212, 3.8737,
0.7517

217.8352,
212.9922, 161.2999

 2.1764, 1.6032,
0.0000

263.4195,

 0.7303, 0.3597,

258.7374, 200.7306

0.0000

314.9569,
310.6042, 246.1145

0.0000, 0.0000,
0.0000

48.8847, 45.5451,
26.2933

48.8847, 45.5451,
26.2933

45.2836, 40.4334,
18.6484

53.0587, 51.2784,
35.7455

42.2227, 35.9136,
12.6896

57.8290, 57.6485,
47.1099

39.6710, 31.9630,
8.2848

63.2218, 64.6781,
60.4868

37.5919, 28.5545,
5.2807

69.2605, 72.3867,
75.9683

35.9423, 25.6574,
3.4915

75.9673, 80.7929,
93.6411

■ 35.0668, 24.0386,
2.7917

■ 82.2152, 89.4554,
107.5412

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



53.6188, 45.5451, 34.5610



48.8847, 45.5451, 26.2933



42.9895, 45.5451, 23.8261

Triad

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



48.8847, 45.5451, 26.2933



32.9764, 45.5451, 50.4564



49.4512, 45.5451, 82.4870

Complementary

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



48.8847, 45.5451, 26.2933



39.4828, 44.2275, 77.6897

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.



43.5904, 45.5451, 89.3382



48.8847, 45.5451, 26.2933



34.3796, 45.5451, 68.4470

Square

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



48.8847, 45.5451, 26.2933



34.1225, 45.5451, 35.7459



38.1380, 45.5451, 83.7010



53.9661, 45.5451, 66.6158

Rectangle

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



48.8847, 45.5451, 26.2933



39.2856, 45.5451, 25.2264



38.1380, 45.5451, 83.7010



47.5561, 45.5451, 86.0637

Sweetspot

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



48.8858, 45.5473, 26.2942



84.3198, 86.3560, 81.2261



47.3101, 34.6544, 49.6348



17.6896, 18.0211, 16.4836



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.



48.8858, 45.5473, 26.2942



60.6747, 54.4690, 25.8582



59.6520, 67.0796, 29.8829



14.1761, 14.6382, 14.3851



20.3167, 14.0713, 1.6452



1.4952, 1.1494, 0.1430

Inverse Universe

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



39.4828, 44.2275, 77.6897



46.6755, 52.4723, 102.2759



31.0307, 27.3233, 74.8724



13.6109, 14.5609, 17.4809



12.6153, 12.7002, 42.8348



0.9623, 1.0561, 2.9984

Previews

White Background



This preview shows how the XYZ color 48.8847, 45.5451, 26.2933 looks on a white background.

Color Contrast Check

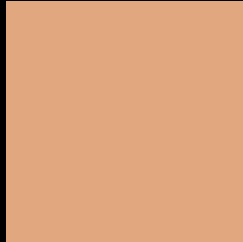
Large Text (above 18pt) WCAG AA × Fail

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 48.8847, 45.5451, 26.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

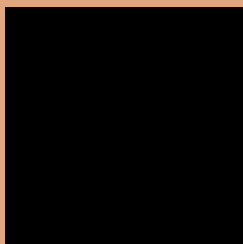
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8847, 45.5451, 26.2933

Background



This preview shows how black text looks on a background with the XYZ color 48.8847, 45.5451, 26.2933.



This preview shows how white text looks on a background with the XYZ color 48.8847, 45.5451,

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

48.8847, 45.5451, 26.2933

Protanopia

42.4784, 45.6459, 28.4015

Deuteranopia

46.5428, 45.4585, 26.0600



Tritanopia

52.8734, 45.5547, 46.0506

Trichromacy



Original Color

48.8847, 45.5451, 26.2933

Protanomaly

44.7314, 45.6415, 27.5712

Deuteranomaly

47.5422, 45.6922, 26.0524

Tritanomaly

51.3562, 45.4792, 37.9699

Monochromacy



Original Color

48.8847, 45.5451, 26.2933

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.7233, 45.3596, 40.1163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8847, 45.5451, 26.2933 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, 168, 127)` looks like.

```
.text, #text, p{  
    color:rgb(225, 168, 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(225, 168, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 168, 127) }
```

Border

The CSS property to change the border of an element to XYZ 48.8847, 45.5451, 26.2933 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, 168, 127) }
```


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

```
.border{ border-color:rgb(225, 168, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 168, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 168, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 168, 127);  
box-shadow:4px 4px 4px 4px rgb(225, 168,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8847, 45.5451, 26.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 168, 127) }
```

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

```
.background{ background-color: rgb(225,  
168, 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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