

Converting Colors

XYZ(52.5622, 46.9632, 26.7380)

Have a look what the booklet for
XYZ(52.5622, 46.9632, 26.7380)
contains.

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Color

**XYZ(52.4576, 46.8355,
26.6974)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA680
RGB	237, 166, 128
RGB Percent	93%, 65%, 50%
CMY	0.0706, 0.3490, 0.4980
CMYK	0.00, 0.30, 0.46, 0.07
HSL	21°, 75%, 72%
HSV	21°, 46%, 93%
XYZ	52.4576, 46.8355, 26.6974
YIQ	182.8970, 54.5140, 3.2340

Conversions

Conversions Part 2

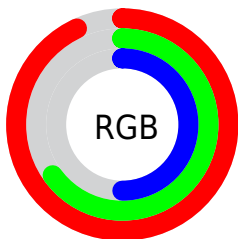
Format	Color
R_{YB}	237, 186, 128
Decimal	15574656
CIE _{Lab}	74.08, 21.84, 30.14
CIE _{LCh}	74, 37.220, 54.071
Yxy	46.8355, 0.4164, 0.3717
Android (android.graphics.Color)	4293764736 (0xFFEDA680)
YUV	182.8970, -27.0642, 47.4483
Hunter-Lab	68.4365, 17.0592, 24.7762

Details

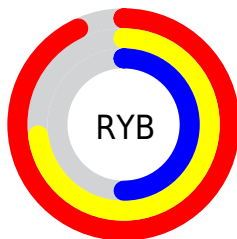
The XYZ color **52.4576, 46.8355, 26.6974** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.6107, 51.5483, 87.7193**, and the grayscale version is **45.0771, 47.4246, 51.6454**.

A 20% lighter version of the original color is **75.4369, 76.3091, 54.4692**, and **25.7526, 22.0497, 10.1064** is the 20% darker color. If you saturate the color by 10%, you get **48.4366, 41.0051, 18.5390**, and if you desaturate by 10%, it is **57.1821, 53.4898, 36.8885**.

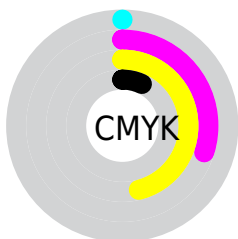
Distribution



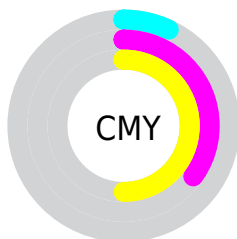
- Red (93%)
- Green (65%)
- Blue (50%)



- Red (93%)
- Yellow (73%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4576, 46.8355, 26.6974 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 52.4576, 46.8355, 26.6974 by changing the saturation by 10% instead.


 52.4576, 46.8355,
26.6974

 52.4576, 46.8355,
26.6974


386.4957,
374.1575, 299.9027

 37.5957, 32.9056,
17.1157


 92.9760, 85.4680,
55.3957

 25.8448, 22.0542,
10.1542


 119.3632,
110.9395, 75.3494

 16.8397, 13.8967,
5.3944

 150.3228,
141.0269, 99.5975

 10.2148, 8.0489,
2.4177

186.2203,
176.1147, 128.5585

 5.6050, 4.1262,
0.7961

227.4210,
216.5873, 162.6510

 2.6448, 1.7444,
0.0000

274.2902,

 0.9688, 0.4522,

262.8290, 202.2935

0.0000

327.1933,
315.2243, 247.9045

■ 0.0000, 0.0000,
0.0000

■ 52.4576, 46.8355,
26.6974

■ 52.4576, 46.8355,
26.6974

■ 48.4366, 41.0051,
18.5390

■ 57.1821, 53.4898,
36.8885

■ 45.0779, 35.9578,
12.2712

■ 62.6412, 60.9931,
49.2358

■ 42.3412, 31.6591,
7.7372

■ 68.8681, 69.3777,
63.8561

■ 40.1789, 28.0686,
4.7538

■ 75.8928, 78.6720,
80.8570

■ 38.5348, 25.1408,
3.0945

■ 83.7437, 88.9032,
100.3391

■ 37.9905, 24.1354,
2.6563

■ 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



57.2564, 46.8355, 37.4568



52.4576, 46.8355, 26.6974



45.8512, 46.8355, 22.5317

Triad

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



52.4576, 46.8355, 26.6974



32.9585, 46.8355, 47.3019



49.9437, 46.8355, 92.3273

Complementary

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



52.4576, 46.8355, 26.6974



44.6107, 51.5483, 87.7193

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.



43.2065, 46.8355, 96.8434



52.4576, 46.8355, 26.6974



33.8209, 46.8355, 67.4581

Square

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



52.4576, 46.8355, 26.6974



34.9339, 46.8355, 32.3668



37.4188, 46.8355, 86.8153



55.7067, 46.8355, 75.6749

Rectangle

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



52.4576, 46.8355, 26.6974



41.4754, 46.8355, 23.0602



37.4188, 46.8355, 86.8153



47.7011, 46.8355, 95.4638

Sweetspot

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



52.4588, 46.8378, 26.6983



82.8513, 83.9615, 79.0646



53.1479, 37.6446, 59.5182



17.3674, 17.4833, 16.0473



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.



52.4588, 46.8378, 26.6983



57.5333, 48.9184, 22.5542



64.1095, 70.1393, 30.5819



15.4950, 15.9130, 15.7736



20.8523, 13.3989, 1.4872



1.7246, 1.2266, 0.1459

Inverse Universe

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



44.6107, 51.5483, 87.7193



47.1825, 55.0380, 102.7444



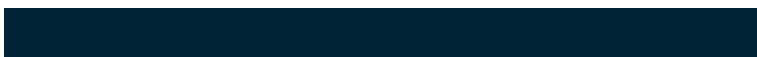
34.4931, 31.3133, 84.3468



15.0500, 16.1865, 19.2533



14.8150, 16.2769, 46.1039



1.2528, 1.4571, 3.6501

Previews

White Background



This preview shows how the XYZ color 52.4576, 46.8355, 26.6974 looks on a white background.

Color Contrast Check

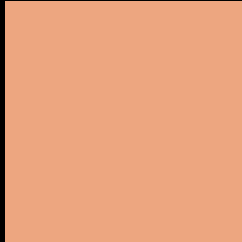
Large Text (above 18pt) WCAG AA × Fail

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 52.4576, 46.8355, 26.6974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

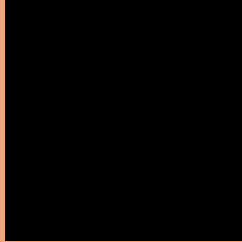
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4576, 46.8355, 26.6974

Background



This preview shows how black text looks on a background with the XYZ color 52.4576, 46.8355, 26.6974.



This preview shows how white text looks on a background with the XYZ color 52.4576, 46.8355,

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

52.4576, 46.8355, 26.6974

Protanopia

43.8661, 46.9409, 29.6702

Deuteranopia

48.0093, 47.0717, 26.2941



Tritanopia

56.2928, 46.8209, 45.1001

Trichromacy



Original Color

52.4576, 46.8355, 26.6974

Protanomaly

46.5542, 46.5655, 28.3642

Deuteranomaly

49.6346, 47.0449, 26.5432

Tritanomaly

54.8563, 46.7662, 37.5880

Monochromacy



Original Color

52.4576, 46.8355, 26.6974

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.9616, 46.7851, 41.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4576, 46.8355, 26.6974 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(237, 166, 128)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 128)  
}
```

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(237, 166, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 128) }
```

Border

The CSS property to change the border of an element to XYZ 52.4576, 46.8355, 26.6974 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(237, 166, 128) }
```


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

```
.border{ border-color:rgb(237, 166, 128) }
```

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

Here you see how a box with a 4 pixel rgb(237, 166, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 128);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4576, 46.8355, 26.6974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 128) }
```

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

```
.background{ background-color: rgb(237,  
166, 128) }
```

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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