

Converting Colors

XYZ(57.0852, 51.5319, 26.6347)

Have a look what the booklet for
XYZ(57.0852, 51.5319, 26.6347)
contains.

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Color

**XYZ(56.9080, 51.3713,
26.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	F6AE7E
RGB	246, 174, 126
RGB Percent	96%, 68%, 49%
CMY	0.0353, 0.3176, 0.5059
CMYK	0.00, 0.29, 0.49, 0.04
HSL	24°, 87%, 73%
HSV	24°, 49%, 96%
XYZ	56.9080, 51.3713, 26.6549
YIQ	190.0560, 58.3200, 0.3360

Conversions

Conversions Part 2

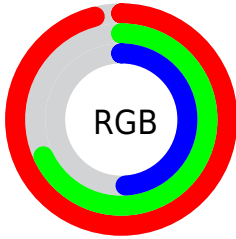
Format	Color
R _Y B	246, 206, 126
Decimal	16166526
CIE Lab	76.90, 20.97, 35.07
CIE LCh	77, 40.859, 59.114
Yxy	51.3713, 0.4217, 0.3807
Android (android.graphics.Color)	4294356606 (0xFFF6AE7E)
YUV	190.0560, -31.5796, 49.0629
Hunter-Lab	71.6738, 16.2975, 28.1222

Details

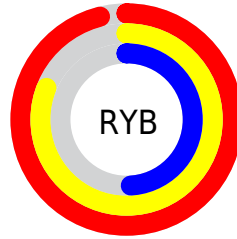
The XYZ color **56.9080, 51.3713, 26.6549** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.4318, 51.4753, 94.7298**, and the grayscale version is **49.1296, 51.6882, 56.2885**.

A 20% lighter version of the original color is **77.6735, 81.1083, 54.2095**, and **28.6354, 24.7613, 10.1076** is the 20% darker color. If you saturate the color by 10%, you get **52.8154, 45.4218, 18.3990**, and if you desaturate by 10%, it is **61.7067, 58.1085, 37.0726**.

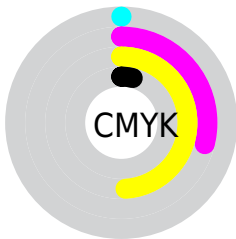
Distribution



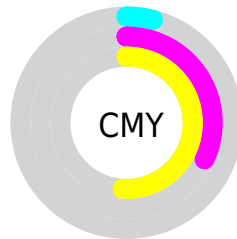
- Red (96%)
- Green (68%)
- Blue (49%)



- Red (96%)
- Yellow (81%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (49%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9080, 51.3713, 26.6549 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 56.9080, 51.3713, 26.6549 by changing the saturation by 10% instead.


 56.9080, 51.3713,
26.6549


 56.9080, 51.3713,
26.6549


403.1242,
392.0046, 299.6894


 41.1712, 36.5042,
17.0841

 99.4631, 92.2034,
55.3266

 28.6412, 24.8238,
10.1319


 127.0121,
118.9371, 75.2645

 18.9525, 15.9459,
5.3797


 159.2292,
150.3952, 99.4952

 11.7397, 9.4859,
2.4091

196.4798,
186.9621, 128.4373

 6.6376, 5.0594,
0.7914

239.1293,
229.0220, 162.5092

 3.2808, 2.2822,
0.0000

287.5429,

 1.3040, 0.7642,

276.9595, 202.1295

0.0000

342.0861,
331.1589, 247.7167

■ 0.1862, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9080, 51.3713,
26.6549

■ 56.9080, 51.3713,
26.6549

■ 52.8154, 45.4218,
18.3990

■ 61.7067, 58.1085,
37.0726

■ 49.3860, 40.2208,
12.1450

■ 67.2436, 65.6557,
49.7900

■ 46.5771, 35.7361,
7.7156

■ 73.5529, 74.0434,
64.9372

■ 44.3383, 31.9296,
4.8999

■ 80.6658, 83.2979,
82.6334

■ 42.6000, 28.7545,
3.3911

■ 88.6112, 93.4447,
102.9901

■ 42.4122, 28.4054,
3.2474

■ 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



63.0832, 51.3713, 37.5858



56.9080, 51.3713, 26.6549



49.0583, 51.3713, 23.1233

Triad

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



56.9080, 51.3713, 26.6549



35.3553, 51.3713, 55.2756



56.4660, 51.3713, 102.2840

Complementary

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



56.9080, 51.3713, 26.6549



45.4318, 51.4753, 94.7298

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.



48.5962, 51.3713, 110.5785



56.9080, 51.3713, 26.6549



36.8986, 51.3713, 79.4532

Square

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



56.9080, 51.3713, 26.6549



37.0906, 51.3713, 36.7135



41.5495, 51.3713, 101.2978



62.8095, 51.3713, 80.9101

Rectangle

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



56.9080, 51.3713, 26.6549



44.0944, 51.3713, 24.4549



41.5495, 51.3713, 101.2978



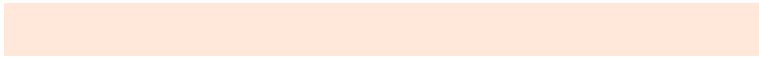
53.8864, 51.3713, 106.9106

Sweetspot

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



56.9093, 51.3738, 26.6559



82.6031, 83.9992, 77.3351



55.6601, 38.5921, 57.9418



17.3408, 17.5353, 15.7143



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.



56.9093, 51.3738, 26.6559



57.1745, 49.0862, 19.7048



71.1947, 79.9448, 31.4177



17.0432, 17.5705, 17.2907



22.7664, 15.4183, 1.7761



2.0986, 1.5505, 0.1887

Inverse Universe

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



45.4318, 51.4753, 94.7298



43.2962, 49.1425, 101.8112



34.3276, 29.2669, 91.0284



16.4081, 17.5806, 21.0712



14.6379, 15.0697, 48.6753



1.3869, 1.5253, 4.3115

Previews

White Background



This preview shows how the XYZ color 56.9080, 51.3713, 26.6549 looks on a white background.

Color Contrast Check

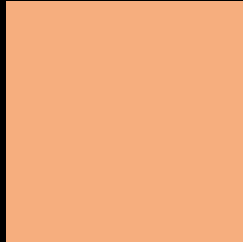
Large Text (above 18pt) WCAG AA × Fail

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 56.9080, 51.3713, 26.6549 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 56.9080, 51.3713, 26.6549

Background



This preview shows how black text looks on a background with the XYZ color 56.9080, 51.3713, 26.6549.



This preview shows how white text looks on a background with the XYZ color 56.9080, 51.3713,

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

56.9080, 51.3713, 26.6549

Protanopia

47.8239, 51.4995, 29.6101

Deuteranopia

52.6791, 51.5691, 26.2461



Tritanopia

61.8406, 51.4420, 49.8500

Trichromacy



Original Color

56.9080, 51.3713, 26.6549

Protanomaly

50.6850, 51.1083, 28.3126

Deuteranomaly

54.0827, 51.3830, 26.4695

Tritanomaly

59.7868, 51.4273, 40.0331

Monochromacy



Original Color

56.9080, 51.3713, 26.6549

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.6939, 50.7726, 43.6875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9080, 51.3713, 26.6549 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(246, 174, 126)` looks like.

```
.text, #text, p{  
    color:rgb(246, 174, 126)  
}
```

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(246, 174, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 174, 126) }
```

Border

The CSS property to change the border of an element to XYZ 56.9080, 51.3713, 26.6549 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(246, 174, 126) }
```


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

```
.border{ border-color:rgb(246, 174, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 174, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 174, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 174, 126);  
box-shadow:4px 4px 4px 4px rgb(246, 174,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9080, 51.3713, 26.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 174, 126) }
```

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

```
.background{ background-color: rgb(246,  
174, 126) }
```

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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