

Converting Colors

XYZ(56.0767, 50.8531, 27.6760)

Have a look what the booklet for
XYZ(56.0767, 50.8531, 27.6760)
contains.

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Color

**XYZ(56.0606, 50.9118,
27.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	F3AE81
RGB	243, 174, 129
RGB Percent	95%, 68%, 51%
CMY	0.0471, 0.3176, 0.4941
CMYK	0.00, 0.28, 0.47, 0.05
HSL	24°, 83%, 73%
HSV	24°, 47%, 95%
XYZ	56.0606, 50.9118, 27.6411
YIQ	189.5010, 55.5690, 0.6330

Conversions

Conversions Part 2

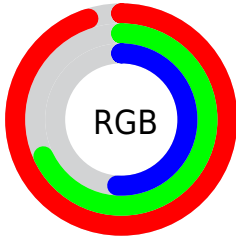
Format	Color
R_{YB}	243, 203, 129
Decimal	15969921
CIE _{Lab}	76.63, 20.07, 33.06
CIE _{LCh}	77, 38.677, 58.741
Yxy	50.9118, 0.4165, 0.3782
Android (android.graphics.Color)	4294160001 (0xFFFF3AE81)
YUV	189.5010, -29.8270, 46.9186
Hunter-Lab	71.3525, 15.3779, 26.9785

Details

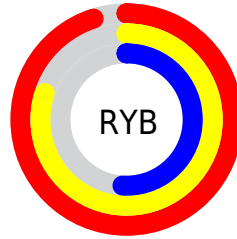
The XYZ color **56.0606, 50.9118, 27.6411** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.4239, 51.5239, 92.3446**, and the grayscale version is **48.8014, 51.3428, 55.9124**.

A 20% lighter version of the original color is **77.9803, 81.2310, 55.8251**, and **28.0158, 24.4296, 10.6359** is the 20% darker color. If you saturate the color by 10%, you get **51.9463, 44.9680, 19.2262**, and if you desaturate by 10%, it is **60.8727, 57.6364, 38.1843**.

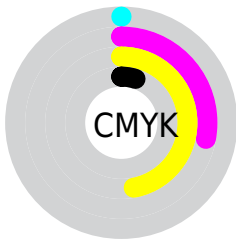
Distribution



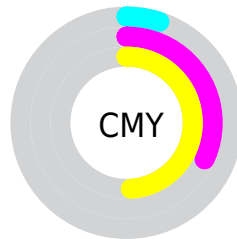
- Red (95%)
- Green (68%)
- Blue (51%)



- Red (95%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (5%)





- Cyan (5%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0606, 50.9118, 27.6411 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 56.0606, 50.9118, 27.6411 by changing the saturation by 10% instead.


 56.0606, 50.9118,
27.6411

 56.0606, 50.9118,
27.6411


399.9912,
390.2210, 304.6058


 40.4887, 36.1384,
17.8186


 98.2325, 91.5244,
56.9271

 28.1057, 24.5411,
10.6517

 125.5632,
118.1324, 77.2277

 18.5462, 15.7355,
5.7220


 157.5441,
149.4540, 101.8581

 11.4449, 9.3372,
2.6107

194.5408,
185.8737, 131.2368

 6.4364, 4.9618,
0.8980

236.9185,
227.7759, 165.7824

 3.1554, 2.2248,
0.0000

285.0425,

 1.2365, 0.7335,

275.5449, 205.9134

0.0000

339.2783,
329.5651, 252.0483

■ 0.1349, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0606, 50.9118,
27.6411

■ 56.0606, 50.9118,
27.6411

■ 51.9463, 44.9680,
19.2262

■ 60.8727, 57.6364,
38.1843

■ 48.4882, 39.7665,
12.7876

■ 66.4131, 65.1634,
50.9875

■ 45.6459, 35.2763,
8.1576

■ 72.7152, 73.5226,
66.1747

■ 43.3713, 31.4604,
5.1390

■ 79.8088, 82.7400,
83.8605

■ 41.6058, 28.2765,
3.4805

■ 87.7221, 92.8403,
104.1517

■ 41.1388, 27.4082,
3.1221

■ 90.7720, 97.7946,
108.6998

Harmonies

Analogous

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



61.7978, 50.9118, 38.2354



56.0606, 50.9118, 27.6411



48.6998, 50.9118, 24.1307

Triad

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



56.0606, 50.9118, 27.6411



35.6481, 50.9118, 54.5541



55.4723, 50.9118, 98.7779

Complementary

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



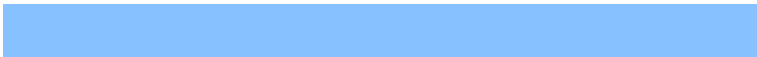
56.0606, 50.9118, 27.6411



45.4239, 51.5239, 92.3446

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.



48.0818, 50.9118, 106.2367



56.0606, 50.9118, 27.6411



37.0772, 50.9118, 77.1439

Square

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



56.0606, 50.9118, 27.6411



37.3366, 50.9118, 37.0513



41.4533, 50.9118, 97.4829



61.4348, 50.9118, 79.0702

Rectangle

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



56.0606, 50.9118, 27.6411



44.0109, 50.9118, 25.3724



41.4533, 50.9118, 97.4829



53.0506, 50.9118, 102.9907

Sweetspot

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



56.0619, 50.9143, 27.6421



83.3163, 84.8914, 79.2195



55.1562, 38.8930, 58.8159



17.4800, 17.7085, 16.0848



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.



56.0619, 50.9143, 27.6421



58.2849, 50.6526, 22.0927



69.1378, 77.0663, 32.0008



17.0358, 17.5558, 17.2883



22.7010, 15.2876, 1.7543



2.0924, 1.5381, 0.1866

Inverse Universe

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



45.4239, 51.5239, 92.3446



45.0946, 51.3520, 102.1429



34.9490, 30.5741, 88.8530



16.4157, 17.5956, 21.0737



14.7462, 15.2861, 48.7113



1.3961, 1.5436, 4.3146

Previews

White Background



This preview shows how the XYZ color 56.0606, 50.9118, 27.6411 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 56.0606, 50.9118, 27.6411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

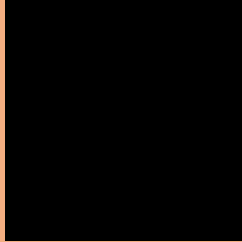
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0606, 50.9118, 27.6411

Background



This preview shows how black text looks on a background with the XYZ color 56.0606, 50.9118, 27.6411.



This preview shows how white text looks on a background with the XYZ color 56.0606, 50.9118,

27.6411.

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

56.0606, 50.9118, 27.6411

Protanopia

47.4726, 50.9818, 30.2601

Deuteranopia

52.0987, 50.9372, 27.5080



Tritanopia

60.4147, 50.7069, 49.7832

Trichromacy



Original Color

56.0606, 50.9118, 27.6411

Protanomaly

50.2876, 50.8799, 29.3607

Deuteranomaly

53.4209, 50.7229, 27.3970

Tritanomaly

58.8138, 50.9155, 40.4461

Monochromacy



Original Color

56.0606, 50.9118, 27.6411

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.5029, 50.6634, 44.1630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0606, 50.9118, 27.6411 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(243, 174, 129)` looks like.

```
.text, #text, p{  
    color:rgb(243, 174, 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(243, 174, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 174, 129) }
```

Border

The CSS property to change the border of an element to XYZ 56.0606, 50.9118, 27.6411 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(243, 174, 129) }
```


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

```
.border{ border-color:rgb(243, 174, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 174, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 174, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 174, 129);  
box-shadow:4px 4px 4px 4px rgb(243, 174,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0606, 50.9118, 27.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 174, 129) }
```

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

```
.background{ background-color: rgb(243,  
174, 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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