

Converting Colors

XYZ(108.0496, 73.1179,
25.7283)

Have a look what the booklet for
XYZ(108.0496, 73.1179, 25.7283)
contains.

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Color

**XYZ(56.6267, 46.7059,
23.4833)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D77
RGB	255, 157, 119
RGB Percent	100%, 62%, 47%
CMY	0.0000, 0.3843, 0.5333
CMYK	0.00, 0.38, 0.53, 0.00
HSL	17°, 100%, 73%
HSV	17°, 53%, 100%
XYZ	56.6267, 46.7059, 23.4833
YIQ	181.9700, 70.6060, 8.9580

Conversions

Conversions Part 2

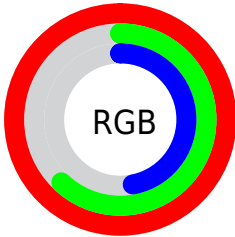
Format	Color
R_{YB}	255, 172, 119
Decimal	16751991
CIE Lab	74.00, 32.79, 35.23
CIE LCh	74, 48.130, 47.060
Yxy	46.7059, 0.4465, 0.3683
Android (android.graphics.Color)	4294942071 (0xFFFF9D77)
YUV	181.9700, -31.0442, 64.0473
Hunter-Lab	68.3417, 28.3038, 27.4662

Details

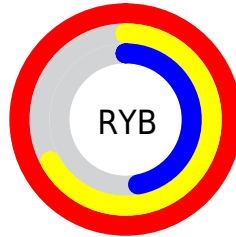
The XYZ color **56.6267, 46.7059, 23.4833** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.4689, 60.7642, 103.6758**, and the grayscale version is **44.5851, 46.9070, 51.0817**.

A 20% lighter version of the original color is **72.2299, 71.3255, 48.9900**, and **28.4052, 22.0147, 8.5465** is the 20% darker color. If you saturate the color by 10%, you get **52.4175, 40.4184, 15.5116**, and if you desaturate by 10%, it is **61.7165, 54.0974, 33.7759**.

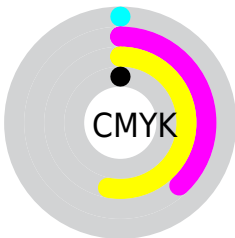
Distribution



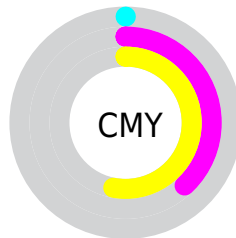
- Red (100%)
- Green (62%)
- Blue (47%)



- Red (100%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6267, 46.7059, 23.4833 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 56.6267, 46.7059, 23.4833 by changing the saturation by 10% instead.


 56.6267, 46.7059,
23.4833


 56.6267, 46.7059,
23.4833


402.0859,
373.6394, 283.3996

 40.9446, 32.8032,
14.7421

 99.0548, 85.2745,
50.1189

 28.4633, 21.9757,
8.4940


 126.5315,
110.7091, 68.8504

 18.8174, 13.8391,
4.3204


 158.6704,
140.7566, 91.7492

 11.6416, 8.0088,
1.8027

195.8369,
175.8012, 119.2336

 6.5706, 4.1006,
0.4297

238.3963,
216.2274, 151.7223

 3.2390, 1.7300,
0.0000

286.7141,

 1.2814, 0.4430,

262.4196, 189.6339

0.0000

341.1555,
314.7621, 233.3868

■ 0.1692, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6267, 46.7059,
23.4833

■ 56.6267, 46.7059,
23.4833

■ 52.4175, 40.4184,
15.5116

■ 61.7165, 54.0974,
33.7759

■ 49.0310, 35.1728,
9.6739

■ 67.7328, 62.6367,
46.5510

■ 46.4069, 30.9111,
5.7584

■ 74.7225, 72.3740,
61.9586

■ 44.4736, 27.5656,
3.5071

■ 82.7278, 83.3540,
80.1361

■ 43.5097, 25.7998,
2.6866

■ 91.7887, 95.6192,
101.2111

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



62.1362, 46.7059, 38.1969



56.6267, 46.7059, 23.4833



48.1963, 46.7059, 17.2723

Triad

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



56.6267, 46.7059, 23.4833



30.1578, 46.7059, 40.9773



49.4186, 46.7059, 110.8334

Complementary

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



56.6267, 46.7059, 23.4833



50.4689, 60.7642, 103.6758

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.



40.7944, 46.7059, 112.3203



56.6267, 46.7059, 23.4833



30.3960, 46.7059, 66.0392

Square

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



56.6267, 46.7059, 23.4833



33.3619, 46.7059, 24.9501



34.0611, 46.7059, 93.9584



57.6205, 46.7059, 90.3823

Rectangle

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



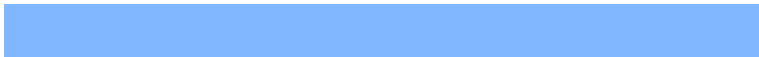
56.6267, 46.7059, 23.4833



42.3925, 46.7059, 16.8653



34.0611, 46.7059, 93.9584



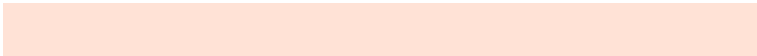
46.4546, 46.7059, 113.7558

Sweetspot

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



56.6278, 46.7083, 23.4842



80.4914, 80.3018, 75.0098



60.5878, 39.5543, 71.2752



16.8698, 16.6969, 15.2381



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.



56.6278, 46.7083, 23.4842



52.1668, 40.0367, 15.0578



71.0285, 75.5097, 28.2844



18.4226, 18.8133, 18.8047



22.8424, 13.6959, 1.4397



2.3115, 1.5083, 0.1693

Inverse Universe

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



50.4689, 60.7642, 103.6758



45.3405, 55.2786, 102.8879



36.6817, 33.1898, 99.0801



18.1006, 19.5728, 23.0739



18.4918, 21.8931, 52.6858



1.8927, 2.3162, 5.1606

Previews

White Background



This preview shows how the XYZ color 56.6267, 46.7059, 23.4833 looks on a white background.

Color Contrast Check

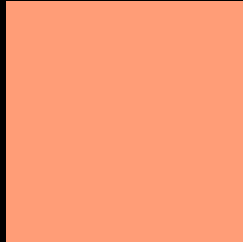
Large Text (above 18pt) WCAG AA × Fail

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 56.6267, 46.7059, 23.4833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

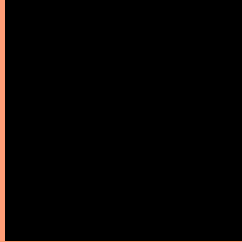
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6267, 46.7059, 23.4833

Background



This preview shows how black text looks on a background with the XYZ color 56.6267, 46.7059, 23.4833.



This preview shows how white text looks on a background with the XYZ color 56.6267, 46.7059,

23.4833.

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

56.6267, 46.7059, 23.4833

Protanopia

43.7164, 46.9112, 27.5195

Deuteranopia

47.8036, 46.7487, 23.0269



Tritanopia

59.2421, 46.6868, 40.5394

Trichromacy



Original Color

56.6267, 46.7059, 23.4833

Protanomaly

47.5587, 46.2732, 25.8271

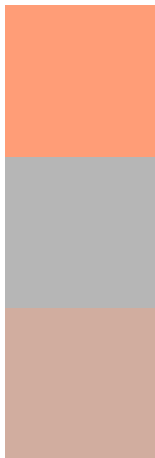
Deuteranomaly

50.8178, 46.6133, 23.1485

Tritanomaly

58.0621, 46.4778, 33.5147

Monochromacy



Original Color

56.6267, 46.7059, 23.4833

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.4961, 45.9457, 39.1660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6267, 46.7059, 23.4833 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(255, 157, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 119)  
}
```

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(255, 157, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 119) }
```

Border

The CSS property to change the border of an element to XYZ 56.6267, 46.7059, 23.4833 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(255, 157, 119) }
```


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

```
.border{ border-color:rgb(255, 157, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6267, 46.7059, 23.4833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 119) }
```

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

```
.background{ background-color: rgb(255,  
157, 119) }
```

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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