

Converting Colors

XYZ(56.2889, 46.0225, 23.3942)

Have a look what the booklet for
XYZ(56.2889, 46.0225, 23.3942)
contains.

XYZ(56.2911, 46.0346, 23.3715)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.2911, 46.0346,
23.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B77
RGB	255, 155, 119
RGB Percent	100%, 61%, 47%
CMY	0.0000, 0.3921, 0.5333
CMYK	0.00, 0.39, 0.53, 0.00
HSL	16°, 100%, 73%
HSV	16°, 53%, 100%
XYZ	56.2911, 46.0346, 23.3715
YIQ	180.7960, 71.1560, 10.0040

Conversions

Conversions Part 2

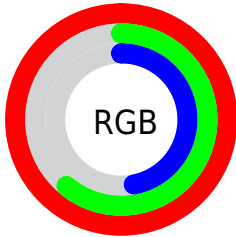
Format	Color
R _Y B	255, 168, 119
Decimal	16751479
CIE Lab	73.57, 33.82, 34.68
CIE LCh	74, 48.441, 45.716
Yxy	46.0346, 0.4478, 0.3662
Android (android.graphics.Color)	4294941559 (0xFFFF9B77)
YUV	180.7960, -30.4654, 65.0769
Hunter-Lab	67.8488, 29.3580, 27.0709

Details

The XYZ color **56.2911, 46.0346, 23.3715** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.9878, 61.8018, 103.8489**, and the grayscale version is **43.9444, 46.2329, 50.3476**.

A 20% lighter version of the original color is **71.7330, 70.3317, 48.8244**, and **28.2039, 21.6120, 8.4794** is the 20% darker color. If you saturate the color by 10%, you get **52.0785, 39.7403, 15.3986**, and if you desaturate by 10%, it is **61.4012, 53.4668, 33.6709**.

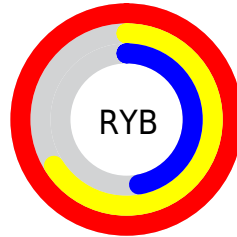
Distribution



Red (100%)

Green (61%)

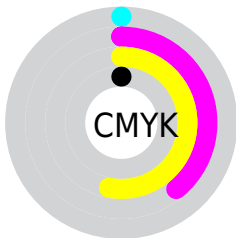
Blue (47%)



Red (100%)

Yellow (66%)

Blue (47%)

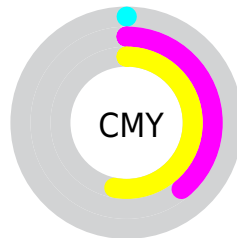


Cyan (0%)

Magenta (39%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2911, 46.0346, 23.3715 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 56.2911, 46.0346, 23.3715 by changing the saturation by 10% instead.


 56.2911, 46.0346,
23.3715

 56.2911, 46.0346,
23.3715


400.8449,
370.9477, 282.8109

 40.6743, 32.2731,
14.6602

 98.5674, 84.2708,
49.9335

 28.2512, 21.5702,
8.4373


 125.9576,
109.5143, 68.6213

 18.6565, 13.5414,
4.2842


 158.0030,
139.3539, 91.4717

 11.5249, 7.8024,
1.7825

195.0689,
174.1740, 118.9031

 6.4909, 3.9688,
0.4164

237.5207,
214.3591, 151.3342

 3.1893, 1.6561,
0.0000

285.7237,

 1.2546, 0.3950,

260.2935, 189.1835

0.0000

340.0433,
312.3616, 232.8696

■ 0.1489, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2911, 46.0346,
23.3715

■ 56.2911, 46.0346,
23.3715

■ 52.0785, 39.7403,
15.3986

■ 61.4012, 53.4668,
33.6709

■ 48.7041, 34.5189,
9.5649

■ 67.4563, 62.0836,
46.4589

■ 46.1060, 30.3091,
5.6581

■ 74.5043, 71.9374,
61.8860

■ 44.2105, 27.0395,
3.4194

■ 82.5886, 83.0754,
80.0898

■ 43.2775, 25.3353,
2.6092

■ 91.7503, 95.5422,
101.1985

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.



61.6009, 46.0346, 38.4022



56.2911, 46.0346, 23.3715



47.9453, 46.0346, 16.9005

Triad

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



56.2911, 46.0346, 23.3715



29.6557, 46.0346, 39.3632



48.3690, 46.0346, 110.6202

Complementary

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



56.2911, 46.0346, 23.3715



50.9878, 61.8018, 103.8489

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.



39.8153, 46.0346, 111.1381



56.2911, 46.0346, 23.3715



29.7380, 46.0346, 64.0167

Square

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



56.2911, 46.0346, 23.3715



32.9912, 46.0346, 23.8762



33.2328, 46.0346, 92.0420



56.6360, 46.0346, 90.7980

Rectangle

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



56.2911, 46.0346, 23.3715



42.1346, 46.0346, 16.3145



33.2328, 46.0346, 92.0420



45.4154, 46.0346, 113.2320

Sweetspot

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



56.2922, 46.0369, 23.3724



80.3289, 79.9767, 74.9556



60.8880, 39.6744, 72.8554



16.8315, 16.6201, 15.2253



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.



56.2922, 46.0369, 23.3724



51.8280, 39.3592, 14.9449



70.4261, 74.3047, 28.0837



18.4004, 18.7690, 18.7973



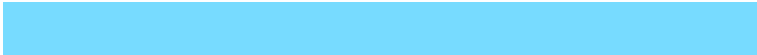
22.7167, 13.4446, 1.3978



2.2967, 1.4787, 0.1644

Inverse Universe

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



50.9878, 61.8018, 103.8489



45.9353, 56.4683, 103.0862



37.0493, 33.9248, 99.2027



18.1241, 19.6198, 23.0817



18.8999, 22.7094, 52.8218



1.9297, 2.3901, 5.1729

Previews

White Background



This preview shows how the XYZ color 56.2911, 46.0346, 23.3715 looks on a white background.

Color Contrast Check

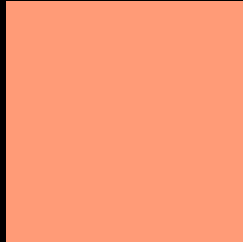
Large Text (above 18pt) WCAG AA × Fail

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 56.2911, 46.0346, 23.3715 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 56.2911, 46.0346, 23.3715

Background



This preview shows how black text looks on a background with the XYZ color 56.2911, 46.0346, 23.3715.



This preview shows how white text looks on a background with the XYZ color 56.2911, 46.0346,

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

56.2911, 46.0346, 23.3715

Protanopia

43.0588, 46.2616, 27.7790

Deuteranopia

46.9515, 46.0304, 22.6298



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

56.2911, 46.0346, 23.3715

Protanomaly

47.1337, 45.7631, 26.0876

Deuteranomaly

49.7436, 45.5223, 22.6879

Tritanomaly

57.6565, 45.7918, 32.9940

Monochromacy



Original Color

56.2911, 46.0346, 23.3715

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.9365, 45.3836, 38.6338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2911, 46.0346, 23.3715 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, 155, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 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, 155, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 119) }
```

Border

The CSS property to change the border of an element to XYZ 56.2911, 46.0346, 23.3715 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, 155, 119) }
```


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

```
.border{ border-color:rgb(255, 155, 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, 155, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2911, 46.0346, 23.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 119) }
```

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

```
.background{ background-color: rgb(255,  
155, 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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