

Converting Colors

XYZ(73.9133, 54.9284, 24.2071)

Have a look what the booklet for
XYZ(73.9133, 54.9284, 24.2071)
contains.

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Color

**XYZ(56.1254, 45.7031,
23.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A77
RGB	255, 154, 119
RGB Percent	100%, 60%, 47%
CMY	0.0000, 0.3961, 0.5333
CMYK	0.00, 0.40, 0.53, 0.00
HSL	15°, 100%, 73%
HSV	15°, 53%, 100%
XYZ	56.1254, 45.7031, 23.3162
YIQ	180.2090, 71.4310, 10.5270

Conversions

Conversions Part 2

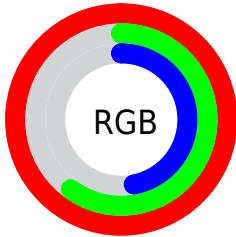
Format	Color
R _Y B	255, 166, 119
Decimal	16751223
CIE Lab	73.35, 34.34, 34.40
CIE LCh	73, 48.607, 45.052
Yxy	45.7031, 0.4485, 0.3652
Android (android.graphics.Color)	4294941303 (0xFFFF9A77)
YUV	180.2090, -30.1760, 65.5917
Hunter-Lab	67.6041, 29.8849, 26.8741

Details

The XYZ color **56.1254, 45.7031, 23.3162** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.2495, 62.3253, 103.9363**, and the grayscale version is **43.6260, 45.8980, 49.9829**.

A 20% lighter version of the original color is **71.4869, 69.8395, 48.7423**, and **28.1050, 21.4143, 8.4464** is the 20% darker color. If you saturate the color by 10%, you get **51.9118, 39.4069, 15.3430**, and if you desaturate by 10%, it is **61.2451, 53.1544, 33.6188**.

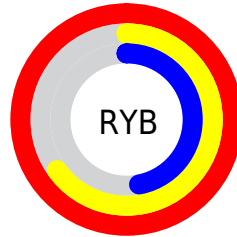
Distribution



Red (100%)

Green (60%)

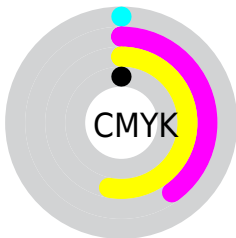
Blue (47%)



Red (100%)

Yellow (65%)

Blue (47%)

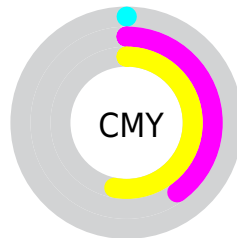


Cyan (0%)

Magenta (40%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1254, 45.7031, 23.3162 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 56.1254, 45.7031, 23.3162 by changing the saturation by 10% instead.


 56.1254, 45.7031,
23.3162

 56.1254, 45.7031,
23.3162

400.2313,
369.6137, 282.5193

 40.5409, 32.0116,
14.6197


 98.3266, 83.7745,
49.8418

 28.1466, 21.3704,
8.4093

 125.6741,
108.9232, 68.5079

 18.5772, 13.3950,
4.2664


 157.6732,
138.6597, 91.3343

 11.4674, 7.7011,
1.7726

194.6893,
173.3684, 118.7395

 6.4517, 3.9043,
0.4098

237.0878,
213.4338, 151.1421

 3.1649, 1.6202,
0.0000

285.2341,

 1.2416, 0.3711,

259.2402, 188.9605

0.0000

339.4935,
311.1721, 232.6134

■ 0.1388, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1254, 45.7031,
23.3162

■ 56.1254, 45.7031,
23.3162

■ 51.9118, 39.4069,
15.3430

■ 61.2451, 53.1544,
33.6188

■ 48.5442, 34.1991,
9.5116

■ 67.3190, 61.8088,
46.4131

■ 45.9599, 30.0168,
5.6093

■ 74.3956, 71.7200,
61.8497

■ 44.0841, 26.7865,
3.3772

■ 82.5192, 82.9364,
80.0666

■ 43.1669, 25.1140,
2.5723

■ 91.7310, 95.5037,
101.1920

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



61.3365, 45.7031, 38.5055



56.1254, 45.7031, 23.3162



47.8214, 45.7031, 16.7172

Triad

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



56.1254, 45.7031, 23.3162



29.4079, 45.7031, 38.5750



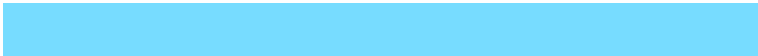
47.8521, 45.7031, 110.5167

Complementary

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



56.1254, 45.7031, 23.3162



51.2495, 62.3253, 103.9363

Split Complementary

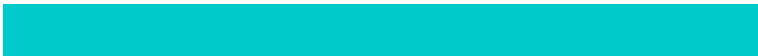
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.3336, 45.7031, 110.5542



56.1254, 45.7031, 23.3162



29.4138, 45.7031, 63.0249

Square

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



56.1254, 45.7031, 23.3162



32.8079, 45.7031, 23.3526



32.8254, 45.7031, 91.0982



56.1504, 45.7031, 91.0079

Rectangle

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



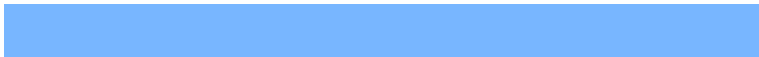
56.1254, 45.7031, 23.3162



42.0072, 45.7031, 16.0446



32.8254, 45.7031, 91.0982



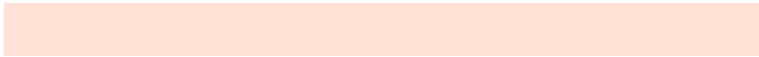
44.9039, 45.7031, 112.9740

Sweetspot

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



56.1265, 45.7054, 23.3171



80.2478, 79.8146, 74.9286



60.8880, 39.6744, 72.8555



16.8123, 16.5818, 15.2190



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.



56.1265, 45.7054, 23.3171



51.6615, 39.0262, 14.8894



70.4262, 74.3048, 28.0836



18.3894, 18.7469, 18.7936



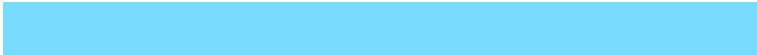
22.6566, 13.3245, 1.3777



2.2895, 1.4644, 0.1620

Inverse Universe

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



51.2495, 62.3253, 103.9363



46.2361, 57.0698, 103.1864



37.0493, 33.9248, 99.2029



18.1359, 19.6433, 23.0856



19.1079, 23.1253, 52.8911



1.9485, 2.4277, 5.1792

Previews

White Background



This preview shows how the XYZ color 56.1254, 45.7031, 23.3162 looks on a white background.

Color Contrast Check

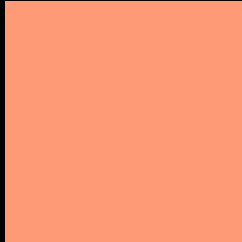
Large Text (above 18pt) WCAG AA × Fail

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 56.1254, 45.7031, 23.3162 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 56.1254, 45.7031, 23.3162

Background



This preview shows how black text looks on a background with the XYZ color 56.1254, 45.7031, 23.3162.



This preview shows how white text looks on a background with the XYZ color 56.1254, 45.7031,

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

56.1254, 45.7031, 23.3162

Protanopia

42.5987, 45.7236, 27.6994

Deuteranopia

46.9515, 46.0304, 22.6298



Tritanopia

58.5794, 45.6459, 39.4413

Trichromacy



Original Color

56.1254, 45.7031, 23.3162

Protanomaly

46.6477, 45.2311, 26.0105

Deuteranomaly

49.7436, 45.5223, 22.6879

Tritanomaly

57.4949, 45.4685, 32.9401

Monochromacy



Original Color

56.1254, 45.7031, 23.3162

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.4666, 44.8598, 38.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1254, 45.7031, 23.3162 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, 154, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 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, 154, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 119) }
```

Border

The CSS property to change the border of an element to XYZ 56.1254, 45.7031, 23.3162 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, 154, 119) }
```


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

```
.border{ border-color:rgb(255, 154, 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, 154, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1254, 45.7031, 23.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 119) }
```

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

```
.background{ background-color: rgb(255,  
154, 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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