

Converting Colors

Yxy(56.0484, 0.4435, 0.4109)

Have a look what the booklet for
Yxy(56.0484, 0.4435, 0.4109)
contains.

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Color

Yxy(56.0666, 0.4433, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	FFB765
RGB	255, 183, 101
RGB Percent	100%, 72%, 40%
CMY	0.0000, 0.2824, 0.6038
CMYK	0.00, 0.28, 0.60, 0.00
HSL	32°, 100%, 70%
HSV	32°, 60%, 100%
XYZ	60.5317, 56.0666, 19.9497
YIQ	195.1800, 69.2340, -10.2380

Conversions

Conversions Part 2

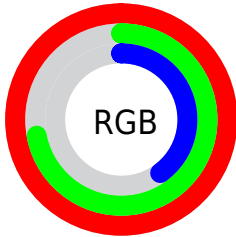
Format	Color
R_{YB}	236, 255, 101
Decimal	16758629
CIE _{Lab}	79.65, 17.89, 51.32
CIE _{LCh}	80, 54.351, 70.783
Yxy	56.0666, 0.4433, 0.4106
Android (android.graphics.Color)	4294948709 (0xFFFFB765)
YUV	195.1800, -46.4307, 52.4621
Hunter-Lab	74.8776, 13.2651, 36.6177

Details

The Yxy color **56.0666, 0.4433, 0.4106** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.8886, 0.2149, 0.2234**, and the grayscale version is **54.9354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3261, 0.3780, 0.4138**, and **27.7977, 0.4735, 0.4237** is the 20% darker color. If you saturate the color by 10%, you get **50.9261, 0.4696, 0.4188**, and if you desaturate by 10%, it is **61.7732, 0.4170, 0.3992**.

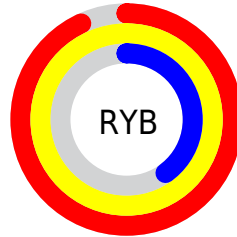
Distribution



Red (100%)

Green (72%)

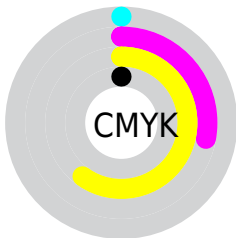
Blue (40%)



Red (93%)

Yellow (100%)

Blue (40%)

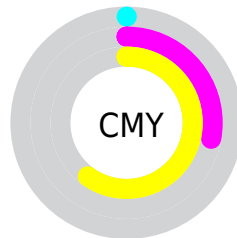


Cyan (0%)

Magenta (28%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0666, 0.4433, 0.4106 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 Yxy color 56.0666, 0.4433, 0.4106 by changing the saturation by 10% instead.

 56.0666, 0.4433,
0.4106


 56.0666, 0.4433,
0.4106

409.9424, 0.3818,
0.3759


 40.2563, 0.4568,
0.4170


 99.1019, 0.4222,
0.3996

 27.7385, 0.4730,
0.4240


 127.0958, 0.4139,
0.3950

 18.1286, 0.4924,
0.4310


 159.9197, 0.4067,
0.3909

 11.0424, 0.5153,
0.4369

 197.9579, 0.4004,
0.3872

 6.0953, 0.5524,
0.4476

241.5949, 0.3949,
0.3839

 2.9031, 0.5694,
0.4306

291.2150, 0.3900,

 1.0814, 0.5985,

0.3810

0.4015

347.2028, 0.3857,
0.3783

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0666, 0.4433,
0.4106

56.0666, 0.4433,
0.4106

50.9261, 0.4696,
0.4188

61.7732, 0.4170,
0.3992

46.3353, 0.4945,
0.4225

68.0774, 0.3920,
0.3858

42.2627, 0.5164,
0.4207

74.9976, 0.3690,
0.3714

38.7967, 0.5339,
0.4142

82.5536, 0.3481,
0.3570

 90.7642, 0.3296,
0.3429

99.6473, 0.3133,
0.3295

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



56.0666, 0.4531, 0.3583



56.0666, 0.4433, 0.4106



56.0666, 0.3975, 0.4507

Triad

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



56.0666, 0.4433, 0.4106



56.0666, 0.2140, 0.3413



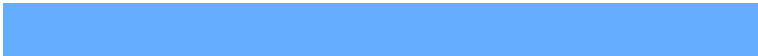
56.0666, 0.2805, 0.2303

Complementary

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



56.0666, 0.4433, 0.4106



39.8886, 0.2149, 0.2234

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.



56.0666, 0.2248, 0.2199



56.0666, 0.4433, 0.4106



56.0666, 0.1901, 0.2742

Square

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



56.0666, 0.4433, 0.4106



56.0666, 0.2647, 0.4150



56.0666, 0.1941, 0.2333



56.0666, 0.3524, 0.2608

Rectangle

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



56.0666, 0.4433, 0.4106



56.0666, 0.3549, 0.4604



56.0666, 0.1941, 0.2333



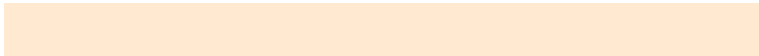
56.0666, 0.2594, 0.2244

Sweetspot

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



56.0637, 0.4433, 0.4106



84.4491, 0.3435, 0.3535



33.6852, 0.4072, 0.2555



17.5810, 0.3492, 0.3577



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0637, 0.4433, 0.4106



50.1469, 0.4738, 0.4197



93.2366, 0.3964, 0.4713



19.5883, 0.3281, 0.3417



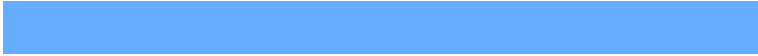
20.5740, 0.5316, 0.4161



2.2220, 0.5153, 0.4291

Inverse Universe

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



39.8886, 0.2149, 0.2234



32.7779, 0.1989, 0.1989



19.4512, 0.1961, 0.1344



18.7783, 0.2979, 0.3160



10.9910, 0.1741, 0.1467



1.2865, 0.1800, 0.1681

Previews

White Background



This preview shows how the Yxy color 56.0666, 0.4433, 0.4106 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 Yxy color 56.0666, 0.4433, 0.4106 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](#).

Yxy 56.0666, 0.4433, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 56.0666, 0.4433, 0.4106.



This preview shows how white text looks on a background with the Yxy color 56.0666, 0.4433, 0.4106.

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

56.0666, 0.4433, 0.4106

Protanopia

56.3342, 0.3983, 0.4339

Deuteranopia

55.9412, 0.4303, 0.4205



Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

56.0666, 0.4433, 0.4106

Protanomaly

56.1283, 0.4140, 0.4262

Deuteranomaly

55.8121, 0.4351, 0.4172

Tritanomaly

55.9005, 0.4006, 0.3534

Monochromacy



Original Color

56.0666, 0.4433, 0.4106

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5865, 0.3586, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0666, 0.4433, 0.4106 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, 183, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 101)  
}
```

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, 183, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 101) }
```

Border

The CSS property to change the border of an element to Yxy 56.0666, 0.4433, 0.4106 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, 183, 101) }
```

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

```
.border{ border-color:rgb(255, 183, 101) }
```

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

Here you see how a box with a 4 pixel rgb(255, 183, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0666, 0.4433, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 101) }
```

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

```
.background{ background-color: rgb(255,  
183, 101) }
```

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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