

Converting Colors

Yxy(56.1138, 0.4439, 0.4116)

Have a look what the booklet for
Yxy(56.1138, 0.4439, 0.4116)
contains.

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Color

Yxy(56.0471, 0.4440, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	FFB764
RGB	255, 183, 100
RGB Percent	100%, 72%, 39%
CMY	0.0000, 0.2823, 0.6079
CMYK	0.00, 0.28, 0.61, 0.00
HSL	32°, 100%, 70%
HSV	32°, 61%, 100%
XYZ	60.4737, 56.0471, 19.6812
YIQ	195.0660, 69.5550, -10.5490

Conversions

Conversions Part 2

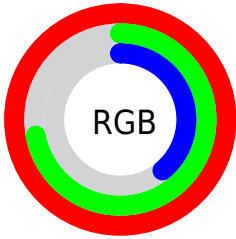
Format	Color
R _Y B	234, 255, 100
Decimal	16758628
CIE Lab	79.64, 17.80, 51.82
CIE LCh	80, 54.788, 71.041
Yxy	56.0471, 0.4440, 0.4115
Android (android.graphics.Color)	4294948708 (0xFFFFB764)
YUV	195.0660, -46.8675, 52.5621
Hunter-Lab	74.8646, 13.1745, 36.8185

Details

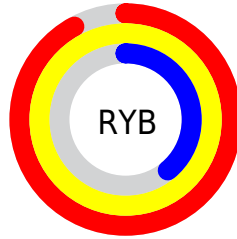
The Yxy color **56.0471, 0.4440, 0.4115** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.4221, 0.2141, 0.2219**, and the grayscale version is **54.8683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2929, 0.3786, 0.4148**, and **27.6563, 0.4732, 0.4251** is the 20% darker color. If you saturate the color by 10%, you get **50.9488, 0.4701, 0.4196**, and if you desaturate by 10%, it is **61.7155, 0.4179, 0.4001**.

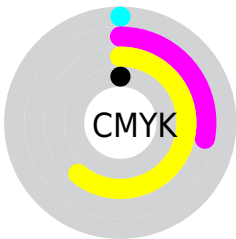
Distribution



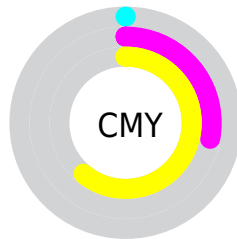
- Red (100%)
- Green (72%)
- Blue (39%)



- Red (92%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (28%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0471, 0.4440, 0.4115 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 56.0471, 0.4440, 0.4115 by changing the saturation by 10% instead.

 56.0471, 0.4440,
0.4115

 56.0471, 0.4440,
0.4115


409.8690, 0.3822,
0.3765


 40.2407, 0.4576,
0.4180


 99.0734, 0.4228,
0.4004

 27.7263, 0.4737,
0.4250


 127.0622, 0.4145,
0.3958

 18.1194, 0.4931,
0.4320


 159.8804, 0.4073,
0.3916

 11.0358, 0.5158,
0.4378

 197.9127, 0.4010,
0.3879

 6.0909, 0.5521,
0.4479

241.5432, 0.3954,
0.3846

 2.9004, 0.5691,
0.4309

291.1565, 0.3905,

 1.0800, 0.5980,

0.3816

0.4020

347.1370, 0.3861,
0.3789

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0471, 0.4440,
0.4115

56.0471, 0.4440,
0.4115

50.9488, 0.4701,
0.4196

61.7155, 0.4179,
0.4001

46.3887, 0.4948,
0.4231

67.9699, 0.3929,
0.3867

42.3407, 0.5164,
0.4212

74.8336, 0.3698,
0.3723

39.0311, 0.5330,
0.4150

82.3264, 0.3489,
0.3577

90.4669, 0.3303,
0.3435

99.2727, 0.3139,
0.3300

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.



56.0471, 0.4543, 0.3589



56.0471, 0.4440, 0.4115



56.0471, 0.3975, 0.4519

Triad

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



56.0471, 0.4440, 0.4115



56.0471, 0.2129, 0.3407



56.0471, 0.2808, 0.2298

Complementary

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



56.0471, 0.4440, 0.4115



39.4221, 0.2141, 0.2219

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.



56.0471, 0.2246, 0.2191



56.0471, 0.4440, 0.4115



56.0471, 0.1891, 0.2732

Square

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



56.0471, 0.4440, 0.4115



56.0471, 0.2638, 0.4153



56.0471, 0.1934, 0.2323



56.0471, 0.3534, 0.2606

Rectangle

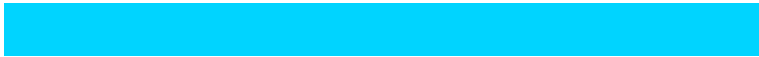
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.0471, 0.4440, 0.4115



56.0471, 0.3545, 0.4615



56.0471, 0.1934, 0.2323



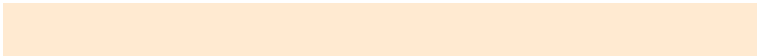
56.0471, 0.2595, 0.2238

Sweetspot

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



56.0494, 0.4440, 0.4115



84.5341, 0.3435, 0.3537



33.3610, 0.4115, 0.2577



17.6017, 0.3491, 0.3579



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.



56.0494, 0.4440, 0.4115



49.8969, 0.4758, 0.4208



92.7327, 0.3950, 0.4731



19.5984, 0.3281, 0.3417



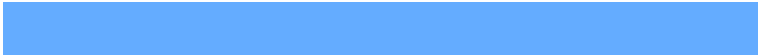
20.6967, 0.5306, 0.4169



2.2339, 0.5144, 0.4297

Inverse Universe

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



39.4221, 0.2141, 0.2219



32.0221, 0.1975, 0.1960



19.3421, 0.1967, 0.1337



18.7682, 0.2979, 0.3159



10.8871, 0.1738, 0.1457



1.2760, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 56.0471, 0.4440, 0.4115 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 56.0471, 0.4440, 0.4115 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 56.0471, 0.4440, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 56.0471, 0.4440, 0.4115.



This preview shows how white text looks on a background with the Yxy color 56.0471, 0.4440, 0.4115.

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

56.0471, 0.4440, 0.4115

Protanopia

56.3135, 0.3990, 0.4349

Deuteranopia

55.9220, 0.4310, 0.4214



Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

56.0471, 0.4440, 0.4115

Protanomaly

56.1081, 0.4146, 0.4271

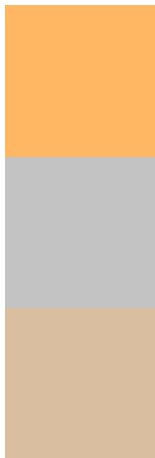
Deuteranomaly

55.7928, 0.4358, 0.4180

Tritanomaly

55.9005, 0.4006, 0.3534

Monochromacy



Original Color

56.0471, 0.4440, 0.4115

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5514, 0.3594, 0.3659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0471, 0.4440, 0.4115 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 100) }
```

Border

The CSS property to change the border of an element to Yxy 56.0471, 0.4440, 0.4115 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, 100) }
```

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

```
.border{ border-color:rgb(255, 183, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0471, 0.4440, 0.4115 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, 100) }
```

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

```
.background{ background-color: rgb(255,  
183, 100) }
```

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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