

Converting Colors

Yxy(56.8951, 0.4418, 0.4125)

Have a look what the booklet for
Yxy(56.8951, 0.4418, 0.4125)
contains.

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Color

Yxy(56.8975, 0.4418, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	FFB965
RGB	255, 185, 101
RGB Percent	100%, 73%, 40%
CMY	0.0000, 0.2745, 0.6037
CMYK	0.00, 0.27, 0.60, 0.00
HSL	33°, 100%, 70%
HSV	33°, 60%, 100%
XYZ	60.9389, 56.8975, 20.0969
YIQ	196.3540, 68.6840, -11.2840

Conversions

Conversions Part 2

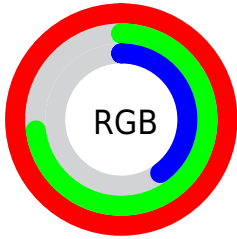
Format	Color
R_{YB}	229, 255, 101
Decimal	16759141
CIE _{Lab}	80.12, 16.83, 51.85
CIE _{LCh}	80, 54.516, 72.023
Yxy	56.8975, 0.4418, 0.4125
Android (android.graphics.Color)	4294949221 (0xFFFFB965)
YUV	196.3540, -47.0095, 51.4325
Hunter-Lab	75.4304, 12.2038, 37.0047

Details

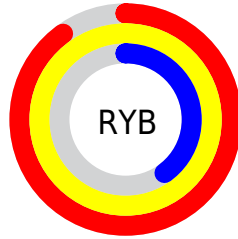
The Yxy color **56.8975, 0.4418, 0.4125** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.1336, 0.2143, 0.2207**, and the grayscale version is **55.6872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5037, 0.3772, 0.4156**, and **28.3349, 0.4711, 0.4261** is the 20% darker color. If you saturate the color by 10%, you get **51.8204, 0.4675, 0.4210**, and if you desaturate by 10%, it is **62.5309, 0.4161, 0.4008**.

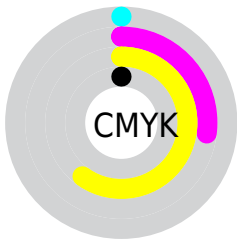
Distribution



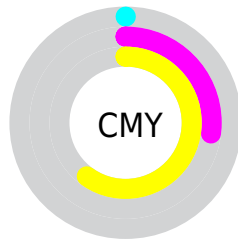
- Red (100%)
- Green (73%)
- Blue (40%)



- Red (90%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (60%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8975, 0.4418, 0.4125 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 56.8975, 0.4418, 0.4125 by changing the saturation by 10% instead.


 56.8975, 0.4418,
0.4125

 56.8975, 0.4418,
0.4125


413.0651, 0.3812,
0.3769

 40.9230, 0.4551,
0.4192


 100.3156, 0.4211,
0.4012

 28.2589, 0.4709,
0.4264


 128.5280, 0.4129,
0.3965

 18.5209, 0.4897,
0.4338


 161.5884, 0.4058,
0.3922

 11.3246, 0.5119,
0.4402

 199.8812, 0.3996,
0.3885

 6.2856, 0.5479,
0.4517

243.7910, 0.3942,
0.3851

 3.0195, 0.5639,
0.4361

293.7019, 0.3894,

 1.1419, 0.5907,

0.3821

0.4093

349.9985, 0.3851,
0.3794

0.0135, 0.9691,
0.0309

0.0000, 0.0000,
0.0000

56.8975, 0.4418,
0.4125

56.8975, 0.4418,
0.4125

51.8204, 0.4675,
0.4210

62.5309, 0.4161,
0.4008

47.2668, 0.4918,
0.4249

68.7341, 0.3914,
0.3871

43.2120, 0.5130,
0.4235

75.5304, 0.3686,
0.3724

39.7413, 0.5301,
0.4173

82.9388, 0.3480,
0.3576

 90.9773, 0.3295,
0.3432

99.6631, 0.3133,
0.3295

99.9991, 0.3127,
0.3290

Harmonies

Analogous

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



56.8975, 0.4533, 0.3605



56.8975, 0.4418, 0.4125



56.8975, 0.3949, 0.4516

Triad

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



56.8975, 0.4418, 0.4125



56.8975, 0.2126, 0.3382



56.8975, 0.2833, 0.2314

Complementary

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



56.8975, 0.4418, 0.4125



39.1336, 0.2143, 0.2207

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.



56.8975, 0.2268, 0.2200



56.8975, 0.4418, 0.4125



56.8975, 0.1899, 0.2720

Square

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



56.8975, 0.4418, 0.4125



56.8975, 0.2623, 0.4122



56.8975, 0.1950, 0.2324



56.8975, 0.3554, 0.2625

Rectangle

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



56.8975, 0.4418, 0.4125



56.8975, 0.3520, 0.4601



56.8975, 0.1950, 0.2324



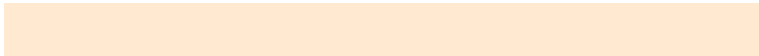
56.8975, 0.2620, 0.2252

Sweetspot

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



56.9003, 0.4418, 0.4125



84.7887, 0.3434, 0.3541



33.5909, 0.4105, 0.2581



17.6638, 0.3490, 0.3584



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.



56.9003, 0.4418, 0.4125



51.0443, 0.4716, 0.4220



92.7564, 0.3946, 0.4723



19.6288, 0.3281, 0.3420



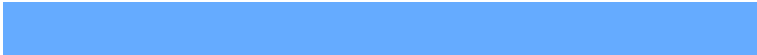
21.0691, 0.5278, 0.4191



2.2699, 0.5120, 0.4317

Inverse Universe

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



39.1336, 0.2143, 0.2207



31.9762, 0.1981, 0.1957



19.6143, 0.1975, 0.1351



18.7382, 0.2979, 0.3157



10.5816, 0.1729, 0.1426



1.2453, 0.1790, 0.1642

Previews

White Background



This preview shows how the Yxy color 56.8975, 0.4418, 0.4125 looks on a white background.

Color Contrast Check

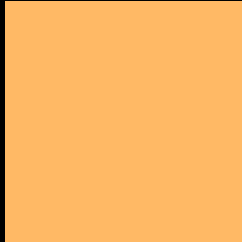
Large Text (above 18pt) WCAG AA × Fail

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 56.8975, 0.4418, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

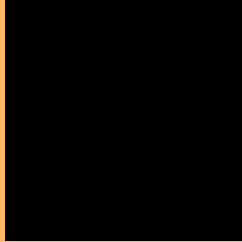
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8975, 0.4418, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 56.8975, 0.4418, 0.4125.



This preview shows how white text looks on a background with the Yxy color 56.8975, 0.4418, 0.4125.

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

56.8975, 0.4418, 0.4125

Protanopia

56.9475, 0.3986, 0.4345

Deuteranopia

57.1595, 0.4306, 0.4217



Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

56.8975, 0.4418, 0.4125

Protanomaly

56.7389, 0.4142, 0.4268

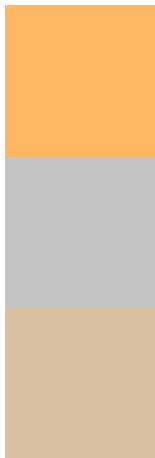
Deuteranomaly

57.0263, 0.4354, 0.4184

Tritanomaly

56.7764, 0.3980, 0.3534

Monochromacy



Original Color

56.8975, 0.4418, 0.4125

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0242, 0.3583, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8975, 0.4418, 0.4125 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, 185, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 101) }
```

Border

The CSS property to change the border of an element to Yxy 56.8975, 0.4418, 0.4125 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, 185, 101) }
```

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

```
.border{ border-color:rgb(255, 185, 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, 185, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8975, 0.4418, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 101) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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