

Converting Colors

$Yxy(68.9620, 0.4699, 0.3886)$

Have a look what the booklet for
Yxy(68.9620, 0.4699, 0.3886)
contains.

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Color

Yxy(58.0385, 0.4304, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB73
RGB	255, 187, 115
RGB Percent	100%, 73%, 45%
CMY	0.0000, 0.2667, 0.5489
CMYK	0.00, 0.27, 0.55, 0.00
HSL	31°, 100%, 73%
HSV	31°, 55%, 100%
XYZ	62.1078, 58.0385, 24.1563
YIQ	199.1240, 63.6400, -7.9760

Conversions

Conversions Part 2

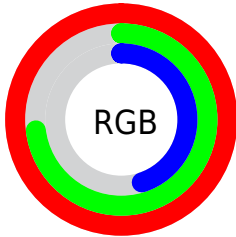
Format	Color
R _Y B	247, 255, 115
Decimal	16759667
CIE Lab	80.76, 16.81, 45.75
CIE LCh	81, 48.745, 69.823
Yxy	58.0385, 0.4304, 0.4022
Android (android.graphics.Color)	4294949747 (0xFFFFBB73)
YUV	199.1240, -41.4731, 49.0033
Hunter-Lab	76.1830, 12.2010, 34.5283

Details

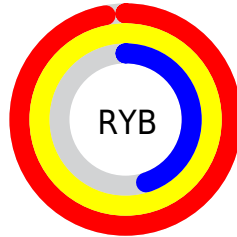
The Yxy color **58.0385, 0.4304, 0.4022** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **44.7437, 0.2239, 0.2382**, and the grayscale version is **57.4247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1883, 0.3680, 0.4038**, and **29.0225, 0.4582, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **52.5004, 0.4576, 0.4119**, and if you desaturate by 10%, it is **64.1957, 0.4041, 0.3900**.

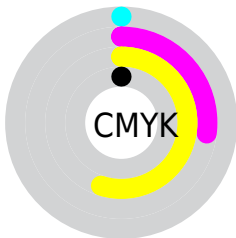
Distribution



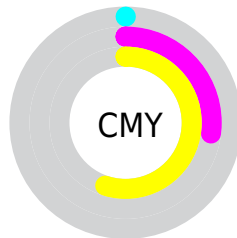
- Red (100%)
- Green (73%)
- Blue (45%)



- Red (97%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0385, 0.4304, 0.4022 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 58.0385, 0.4304, 0.4022 by changing the saturation by 10% instead.


 58.0385, 0.4304,
0.4022


 58.0385, 0.4304,
0.4022


417.3294, 0.3747,
0.3705

 41.8396, 0.4429,
0.4084


 101.9789, 0.4111,
0.3920

 28.9757, 0.4580,
0.4153


 130.4892, 0.4036,
0.3877

 19.0625, 0.4765,
0.4228


 163.8721, 0.3971,
0.3840

 11.7154, 0.4991,
0.4302

202.5120, 0.3915,
0.3807

 6.5502, 0.5286,
0.4374

246.7933, 0.3865,
0.3777

 3.1824, 0.5626,
0.4374

297.1004, 0.3821,

 1.2277, 0.5884,

0.3751

0.4116

353.8176, 0.3782,
0.3727

0.0842, 0.8535,
0.1465

0.0000, 0.0000,
0.0000

58.0385, 0.4304,
0.4022

58.0385, 0.4304,
0.4022

52.5004, 0.4576,
0.4119

64.1957, 0.4041,
0.3900

47.5513, 0.4844,
0.4178

70.9901, 0.3797,
0.3764

43.1649, 0.5091,
0.4187

78.4451, 0.3575,
0.3623

39.3092, 0.5300,
0.4140

86.5811, 0.3378,
0.3485

■ 37.5258, 0.5394,
0.4099

■ 95.4172, 0.3204,
0.3352

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.



58.0385, 0.4370, 0.3552



58.0385, 0.4304, 0.4022



58.0385, 0.3911, 0.4371

Triad

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



58.0385, 0.4304, 0.4022



58.0385, 0.2256, 0.3427



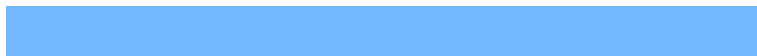
58.0385, 0.2824, 0.2393

Complementary

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



58.0385, 0.4304, 0.4022



44.7437, 0.2239, 0.2382

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.



58.0385, 0.2327, 0.2307



58.0385, 0.4304, 0.4022



58.0385, 0.2026, 0.2826

Square

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



58.0385, 0.4304, 0.4022



58.0385, 0.2724, 0.4061



58.0385, 0.2053, 0.2443



58.0385, 0.3463, 0.2666

Rectangle

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



58.0385, 0.4304, 0.4022



58.0385, 0.3534, 0.4450



58.0385, 0.2053, 0.2443



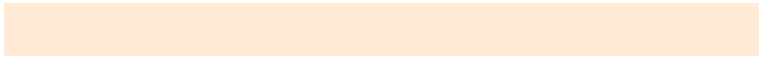
58.0385, 0.2637, 0.2342

Sweetspot

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



58.0402, 0.4304, 0.4022



85.6449, 0.3398, 0.3500



37.0310, 0.3918, 0.2585



17.9643, 0.3438, 0.3528



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.



58.0402, 0.4304, 0.4022



51.9231, 0.4606, 0.4128



94.0184, 0.3921, 0.4603



19.5319, 0.3281, 0.3412



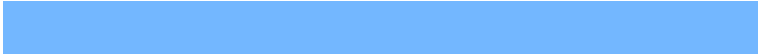
19.9085, 0.5369, 0.4119



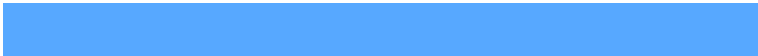
2.1572, 0.5198, 0.4254

Inverse Universe

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



44.7437, 0.2239, 0.2382



37.4066, 0.2079, 0.2158



23.1343, 0.2059, 0.1524



18.8344, 0.2979, 0.3165



11.5850, 0.1757, 0.1527



1.3457, 0.1816, 0.1736

Previews

White Background



This preview shows how the Yxy color 58.0385, 0.4304, 0.4022 looks on a white background.

Color Contrast Check

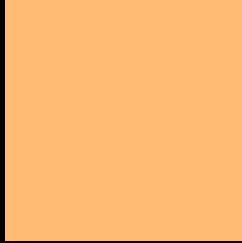
Large Text (above 18pt) WCAG AA × Fail

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 58.0385, 0.4304, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

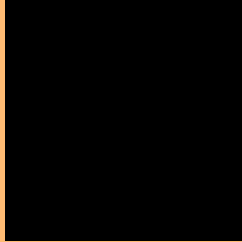
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0385, 0.4304, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 58.0385, 0.4304, 0.4022.



This preview shows how white text looks on a background with the Yxy color 58.0385, 0.4304, 0.4022.

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

58.0385, 0.4304, 0.4022

Protanopia

58.3450, 0.3889, 0.4218

Deuteranopia

58.3267, 0.4196, 0.4110



Tritanopia

58.1135, 0.3678, 0.3177

Trichromacy



Original Color

58.0385, 0.4304, 0.4022

Protanomaly

58.1115, 0.4041, 0.4148

Deuteranomaly

58.1816, 0.4242, 0.4078

Tritanomaly

57.8073, 0.3919, 0.3492

Monochromacy



Original Color

58.0385, 0.4304, 0.4022

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9174, 0.3536, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0385, 0.4304, 0.4022 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, 187, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 115)  
}
```

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, 187, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 115) }
```

Border

The CSS property to change the border of an element to Yxy 58.0385, 0.4304, 0.4022 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, 187, 115) }
```

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

```
.border{ border-color:rgb(255, 187, 115) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0385, 0.4304, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 115) }
```

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

```
.background{ background-color: rgb(255,  
187, 115) }
```

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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