

Converting Colors

Yxy(58.7644, 0.4202, 0.3915)

Have a look what the booklet for
Yxy(58.7644, 0.4202, 0.3915)
contains.

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Color

Yxy(58.7587, 0.4206, 0.3920)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC7F
RGB	255, 188, 127
RGB Percent	100%, 74%, 50%
CMY	0.0001, 0.2627, 0.5020
CMYK	0.00, 0.26, 0.50, 0.00
HSL	29°, 100%, 75%
HSV	29°, 50%, 100%
XYZ	63.0457, 58.7587, 28.0903
YIQ	201.0790, 59.5130, -4.7670

Conversions

Conversions Part 2

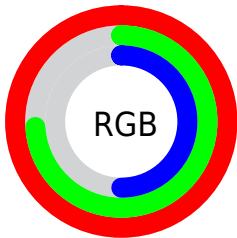
Format	Color
R_{YB}	255, 244, 127
Decimal	16759935
CIE Lab	81.16, 17.27, 40.20
CIE LCh	81, 43.748, 66.751
Yxy	58.7587, 0.4206, 0.3920
Android (android.graphics.Color)	4294950015 (0xFFFFBC7F)
YUV	201.0790, -36.5209, 47.2887
Hunter-Lab	76.6542, 12.6657, 31.9309

Details

The Yxy color **58.7587, 0.4206, 0.3920** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.2834, 0.2324, 0.2537**, and the grayscale version is **58.6634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2976, 0.3596, 0.3919**, and **29.4659, 0.4455, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **52.7402, 0.4490, 0.4022**, and if you desaturate by 10%, it is **65.4778, 0.3940, 0.3799**.

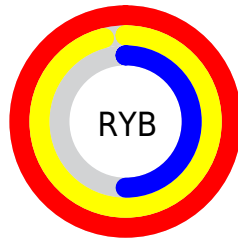
Distribution



Red (100%)

Green (74%)

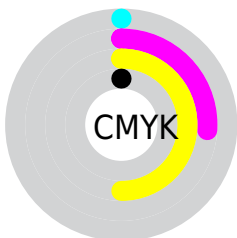
Blue (50%)



Red (100%)

Yellow (96%)

Blue (50%)

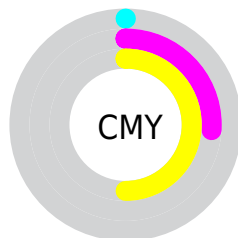


Cyan (0%)

Magenta (26%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7587, 0.4206, 0.3920 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 58.7587, 0.4206, 0.3920 by changing the saturation by 10% instead.


 58.7587, 0.4206,
0.3920

 58.7587, 0.4206,
0.3920


420.0071, 0.3692,
0.3645

 42.4189, 0.4324,
0.3975


 103.0269, 0.4027,
0.3830

 29.4294, 0.4468,
0.4038


 131.7241, 0.3957,
0.3793

 19.4059, 0.4647,
0.4109


 165.3091, 0.3897,
0.3761

 11.9640, 0.4872,
0.4183

204.1665, 0.3845,
0.3732

 6.7191, 0.5155,
0.4247

248.6806, 0.3800,
0.3707

 3.2871, 0.5637,
0.4363

299.2358, 0.3760,

 1.2834, 0.5895,

0.3684

0.4105

356.2165, 0.3724,
0.3664

0.1283, 0.8090,
0.1910

0.0000, 0.0000,
0.0000

58.7587, 0.4206,
0.3920

58.7587, 0.4206,
0.3920

52.7402, 0.4490,
0.4022

65.4778, 0.3940,
0.3799

47.3866, 0.4779,
0.4092

72.9142, 0.3698,
0.3669

42.6712, 0.5057,
0.4118

81.0944, 0.3483,
0.3539

38.5606, 0.5304,
0.4089

90.0409, 0.3294,
0.3412

■ 35.0747, 0.5505,
0.4011

99.7751, 0.3130,
0.3292

99.9949, 0.3127,
0.3290

Harmonies

Analogous

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



58.7587, 0.4224, 0.3492



58.7587, 0.4206, 0.3920



58.7587, 0.3884, 0.4240

Triad

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



58.7587, 0.4206, 0.3920



58.7587, 0.2379, 0.3476



58.7587, 0.2804, 0.2460

Complementary

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



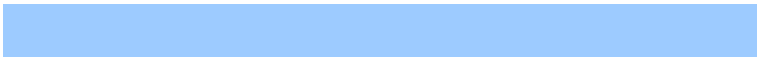
58.7587, 0.4206, 0.3920



50.2834, 0.2324, 0.2537

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.



58.7587, 0.2370, 0.2403



58.7587, 0.4206, 0.3920



58.7587, 0.2142, 0.2929

Square

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



58.7587, 0.4206, 0.3920



58.7587, 0.2823, 0.4020



58.7587, 0.2141, 0.2555



58.7587, 0.3370, 0.2693

Rectangle

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



58.7587, 0.4206, 0.3920



58.7587, 0.3556, 0.4322



58.7587, 0.2141, 0.2555



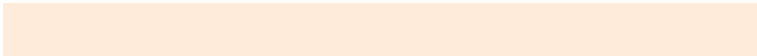
58.7587, 0.2640, 0.2420

Sweetspot

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



58.7616, 0.4206, 0.3920



85.6683, 0.3382, 0.3472



40.3800, 0.3773, 0.2596



17.9358, 0.3422, 0.3499



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.



58.7616, 0.4206, 0.3920



52.8654, 0.4484, 0.4020



91.5981, 0.3883, 0.4476



19.4161, 0.3282, 0.3404



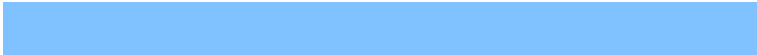
18.6262, 0.5478, 0.4032



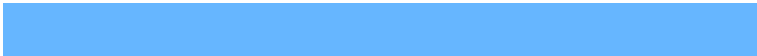
2.0306, 0.5294, 0.4179

Inverse Universe

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



50.2834, 0.2324, 0.2537



43.5152, 0.2180, 0.2356



28.0280, 0.2169, 0.1740



18.9502, 0.2979, 0.3174



12.8955, 0.1792, 0.1652



1.4745, 0.1848, 0.1851

Previews

White Background



This preview shows how the Yxy color 58.7587, 0.4206, 0.3920 looks on a white background.

Color Contrast Check

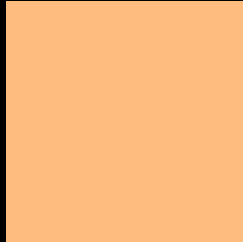
Large Text (above 18pt) WCAG AA × Fail

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 58.7587, 0.4206, 0.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

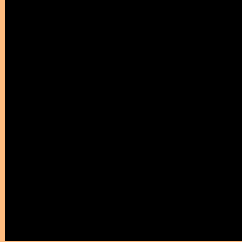
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7587, 0.4206, 0.3920

Background



This preview shows how black text looks on a background with the Yxy color 58.7587, 0.4206, 0.3920.



This preview shows how white text looks on a background with the Yxy color 58.7587, 0.4206, 0.3920.

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

58.7587, 0.4206, 0.3920

Protanopia

58.9671, 0.3790, 0.4100

Deuteranopia

58.8794, 0.4093, 0.4007



Tritanopia

58.6109, 0.3658, 0.3166

Trichromacy



Original Color

58.7587, 0.4206, 0.3920

Protanomaly

58.7000, 0.3939, 0.4037

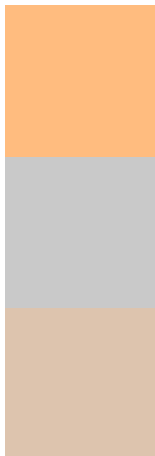
Deuteranomaly

58.7244, 0.4138, 0.3976

Tritanomaly

58.4433, 0.3863, 0.3439

Monochromacy



Original Color

58.7587, 0.4206, 0.3920

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9080, 0.3502, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7587, 0.4206, 0.3920 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, 188, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 127)  
}
```

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, 188, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 127) }
```

Border

The CSS property to change the border of an element to Yxy 58.7587, 0.4206, 0.3920 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, 188, 127) }
```

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

```
.border{ border-color:rgb(255, 188, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7587, 0.4206, 0.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 127) }
```

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

```
.background{ background-color: rgb(255,  
188, 127) }
```

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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