

Converting Colors

$Yxy(66.6157, 0.3955, 0.3860)$

Have a look what the booklet for
Yxy(66.6157, 0.3955, 0.3860)
contains.

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Color

Yxy(66.6157, 0.3955, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	FFCC95
RGB	255, 204, 149
RGB Percent	100%, 80%, 58%
CMY	0.0001, 0.2000, 0.4155
CMYK	0.00, 0.20, 0.42, 0.00
HSL	31°, 100%, 79%
HSV	31°, 42%, 100%
XYZ	68.2552, 66.6157, 37.7086
YIQ	212.9790, 48.0510, -6.2930

Conversions

Conversions Part 2

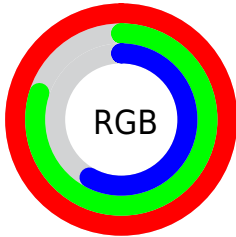
Format	Color
R _Y B	247, 255, 149
Decimal	16764053
CIE Lab	85.31, 11.07, 34.22
CIE LCh	85, 35.967, 72.072
Yxy	66.6157, 0.3955, 0.3860
Android (android.graphics.Color)	4294954133 (0xFFFFCC95)
YUV	212.9790, -31.5416, 36.8524
Hunter-Lab	81.6184, 6.4423, 29.7403

Details

The Yxy color **66.6157, 0.3955, 0.3860** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9238, 0.2451, 0.2634**, and the grayscale version is **66.7185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **34.4303, 0.4142, 0.3975** is the 20% darker color. If you saturate the color by 10%, you get **60.2872, 0.4211, 0.3989**, and if you desaturate by 10%, it is **73.5882, 0.3719, 0.3721**.

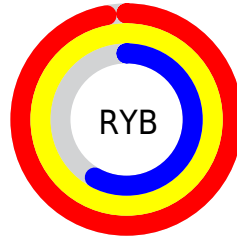
Distribution



Red (100%)

Green (80%)

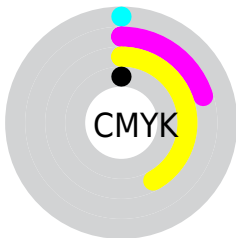
Blue (58%)



Red (97%)

Yellow (100%)

Blue (58%)

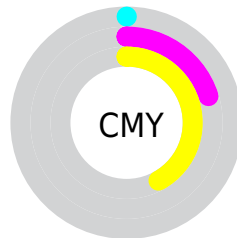


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6157, 0.3955, 0.3860 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 66.6157, 0.3955, 0.3860 by changing the saturation by 10% instead.


 66.6157, 0.3955,
0.3860

 66.6157, 0.3955,
0.3860


448.5756, 0.3567,
0.3606

 48.7724, 0.4043,
0.3914


 114.3696, 0.3821,
0.3775

 34.4390, 0.4151,
0.3978


 145.0489, 0.3768,
0.3741

 23.2310, 0.4286,
0.4055


180.7757, 0.3723,
0.3711

 14.7642, 0.4457,
0.4146

221.9344, 0.3684,
0.3685

 8.6541, 0.4680,
0.4253

268.9093, 0.3649,
0.3662

 4.5162, 0.4985,
0.4377

322.0849, 0.3619,

 1.9663, 0.5463,

0.3641

0.4537

381.8456, 0.3592,
0.3623

0.5878, 0.5851,
0.4149

0.0000, 0.0000,
0.0000

66.6157, 0.3955,
0.3860

66.6157, 0.3955,
0.3860

60.2872, 0.4211,
0.3989

73.5882, 0.3719,
0.3721

54.5709, 0.4479,
0.4098

81.2160, 0.3506,
0.3579

49.4458, 0.4748,
0.4172

89.5221, 0.3317,
0.3441

44.8856, 0.5002,
0.4199

98.5250, 0.3151,
0.3310

■ 40.8602, 0.5223, 99.9967, 0.3127,
0.4172 0.3290

■ 37.8433, 0.5380,
0.4111

Harmonies

Analogous

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



66.6157, 0.4009, 0.3530



66.6157, 0.3955, 0.3860



66.6157, 0.3672, 0.4070

Triad

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



66.6157, 0.3955, 0.3860



66.6157, 0.2484, 0.3362



66.6157, 0.2950, 0.2642

Complementary

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



66.6157, 0.3955, 0.3860



54.9238, 0.2451, 0.2634

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.



66.6157, 0.2573, 0.2572



66.6157, 0.3955, 0.3860



66.6157, 0.2319, 0.2949

Square

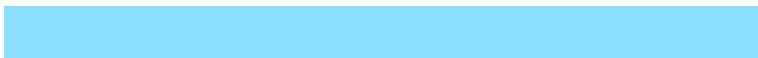
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6157, 0.3955, 0.3860



66.6157, 0.2820, 0.3790



66.6157, 0.2351, 0.2672



66.6157, 0.3404, 0.2856

Rectangle

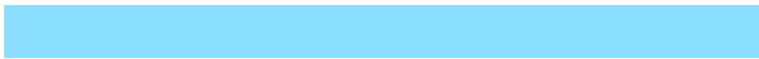
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.6157, 0.3955, 0.3860



66.6157, 0.3401, 0.4092



66.6157, 0.2351, 0.2672



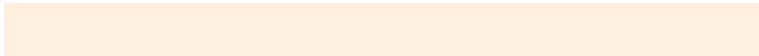
66.6157, 0.2811, 0.2601

Sweetspot

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



66.6189, 0.3955, 0.3860



89.1476, 0.3325, 0.3447



46.9445, 0.3674, 0.2762



18.8415, 0.3348, 0.3465



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.



66.6189, 0.3955, 0.3860



61.2374, 0.4170, 0.3970



94.6035, 0.3738, 0.4324



19.5464, 0.3281, 0.3413



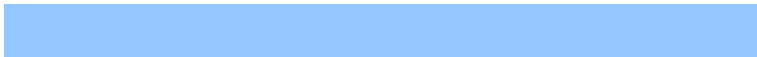
20.0778, 0.5355, 0.4130



2.1738, 0.5187, 0.4264

Inverse Universe

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



54.9238, 0.2451, 0.2634



48.0973, 0.2314, 0.2471



35.2855, 0.2359, 0.2005



18.8199, 0.2979, 0.3163



11.4289, 0.1753, 0.1511



1.3302, 0.1812, 0.1722

Previews

White Background



This preview shows how the Yxy color 66.6157, 0.3955, 0.3860 looks on a white background.

Color Contrast Check

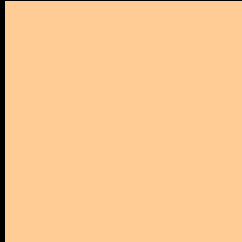
Large Text (above 18pt) WCAG AA × Fail

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 66.6157, 0.3955, 0.3860 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 66.6157, 0.3955, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 66.6157, 0.3955, 0.3860.



This preview shows how white text looks on a background with the Yxy color 66.6157, 0.3955, 0.3860.

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

66.6157, 0.3955, 0.3860

Protanopia

66.7114, 0.3687, 0.3956

Deuteranopia

66.4265, 0.3947, 0.3862



Tritanopia

66.3513, 0.3483, 0.3158

Trichromacy



Original Color

66.6157, 0.3955, 0.3860

Protanomaly

66.7109, 0.3778, 0.3919

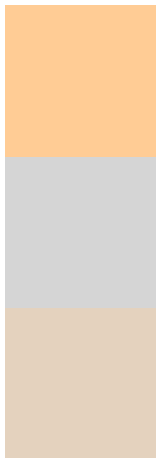
Deuteranomaly

66.4265, 0.3947, 0.3862

Tritanomaly

66.1994, 0.3662, 0.3416

Monochromacy



Original Color

66.6157, 0.3955, 0.3860

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.3049, 0.3408, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6157, 0.3955, 0.3860 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, 204, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 149)  
}
```

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, 204, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 149) }
```

Border

The CSS property to change the border of an element to Yxy 66.6157, 0.3955, 0.3860 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, 204, 149) }
```

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

```
.border{ border-color:rgb(255, 204, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6157, 0.3955, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 149) }
```

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

```
.background{ background-color: rgb(255,  
204, 149) }
```

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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