

Converting Colors

$Yxy(66.2718, 0.3929, 0.3810)$

Have a look what the booklet for
Yxy(66.2718, 0.3929, 0.3810)
contains.

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Color

Yxy(66.2718, 0.3929, 0.3810)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFCB99 |
| RGB | 255, 203, 153 |
| RGB Percent | 100%, 80%, 60% |
| CMY | 0.0001, 0.2039, 0.4000 |
| CMYK | 0.00, 0.20, 0.40, 0.00 |
| HSL | 29°, 100%, 80% |
| HSV | 29°, 40%, 100% |
| XYZ | 68.3417, 66.2718, 39.3282 |
| YIQ | 212.8480, 47.0420, -4.5260 |

Conversions

Conversions Part 2

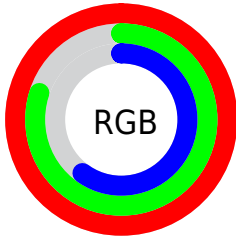
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 251, 153 |
| Decimal | 16763801 |
| CIE Lab | 85.13, 12.01, 31.94 |
| CIE LCh | 85, 34.122, 69.386 |
| Yxy | 66.2718, 0.3929, 0.3810 |
| Android (android.graphics.Color) | 4294953881 (0xFFFFCB99) |
| YUV | 212.8480, -29.5051, 36.9673 |
| Hunter-Lab | 81.4075, 7.3879, 28.3421 |

Details

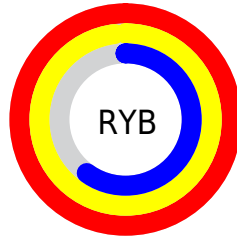
The Yxy color **66.2718, 0.3929, 0.3810** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.6435, 0.2482, 0.2699**, and the grayscale version is **66.6114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **34.1702, 0.4120, 0.3925** is the 20% darker color. If you saturate the color by 10%, you get **59.6372, 0.4191, 0.3935**, and if you desaturate by 10%, it is **73.6072, 0.3691, 0.3677**.

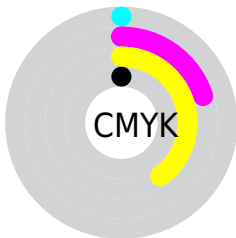
Distribution



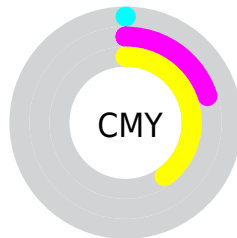
- Red (100%)
- Green (80%)
- Blue (60%)



- Red (100%)
- Yellow (98%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2718, 0.3929, 0.3810 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 66.2718, 0.3929, 0.3810 by changing the saturation by 10% instead.


 66.2718, 0.3929,
0.3810


 66.2718, 0.3929,
0.3810


447.3483, 0.3552,
0.3578

 48.4931, 0.4015,
0.3859


 113.8764, 0.3798,
0.3732

 34.2175, 0.4121,
0.3918


 144.4710, 0.3747,
0.3701

 23.0608, 0.4254,
0.3989


180.1063, 0.3703,
0.3674

 14.6384, 0.4425,
0.4073

221.1669, 0.3665,
0.3650

 8.5660, 0.4650,
0.4172

268.0369, 0.3631,
0.3629

 4.4592, 0.4954,
0.4281

321.1009, 0.3602,

 1.9336, 0.5514,

0.3610

0.4486

380.7432, 0.3576,
0.3593

0.5685, 0.5945,
0.4055

0.0000, 0.0000,
0.0000

66.2718, 0.3929,
0.3810

66.2718, 0.3929,
0.3810

59.6372, 0.4191,
0.3935

73.6072, 0.3691,
0.3677

53.6699, 0.4469,
0.4040

81.6566, 0.3478,
0.3543

48.3469, 0.4752,
0.4115

90.4447, 0.3290,
0.3413

43.6401, 0.5024,
0.4144

99.9918, 0.3127,
0.3290

■ 39.5175, 0.5265, 99.9970, 0.3127,
0.4119 0.3290

■ 35.9353, 0.5465,
0.4043

■ 35.9334, 0.5465,
0.4043

Harmonies

Analogous

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



66.2718, 0.3957, 0.3490



66.2718, 0.3929, 0.3810



66.2718, 0.3678, 0.4021

Triad

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



66.2718, 0.3929, 0.3810



66.2718, 0.2537, 0.3398



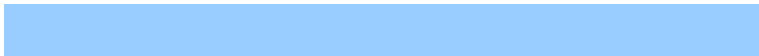
66.2718, 0.2923, 0.2659

Complementary

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



66.2718, 0.3929, 0.3810



57.6435, 0.2482, 0.2699

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.



66.2718, 0.2574, 0.2607



66.2718, 0.3929, 0.3810



66.2718, 0.2363, 0.2998

Square

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



66.2718, 0.3929, 0.3810



66.2718, 0.2870, 0.3794



66.2718, 0.2377, 0.2719



66.2718, 0.3353, 0.2853

Rectangle

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



66.2718, 0.3929, 0.3810



66.2718, 0.3426, 0.4054



66.2718, 0.2377, 0.2719



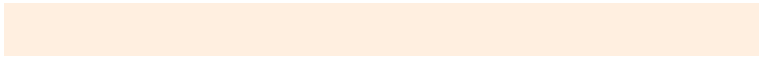
66.2718, 0.2793, 0.2624

Sweetspot

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



66.2749, 0.3929, 0.3810



88.6341, 0.3326, 0.3439



48.4826, 0.3613, 0.2748



18.7207, 0.3350, 0.3455



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.



66.2749, 0.3929, 0.3810



60.9150, 0.4137, 0.3911



93.9876, 0.3734, 0.4270



19.4578, 0.3282, 0.3407



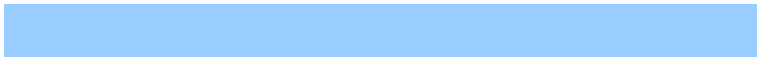
19.0756, 0.5439, 0.4063



2.0753, 0.5259, 0.4206

Inverse Universe

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



57.6435, 0.2482, 0.2699



51.1948, 0.2354, 0.2555



37.3364, 0.2384, 0.2077



18.9083, 0.2979, 0.3170



12.4086, 0.1780, 0.1606



1.4269, 0.1836, 0.1809

Previews

White Background



This preview shows how the Yxy color 66.2718, 0.3929, 0.3810 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 66.2718, 0.3929, 0.3810 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 66.2718, 0.3929, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 66.2718, 0.3929, 0.3810.



This preview shows how white text looks on a background with the Yxy color 66.2718, 0.3929, 0.3810.

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

66.2718, 0.3929, 0.3810

Protanopia

66.5168, 0.3643, 0.3916

Deuteranopia

66.3683, 0.3909, 0.3823



Tritanopia

66.3513, 0.3483, 0.3158

Trichromacy



Original Color

66.2718, 0.3929, 0.3810

Protanomaly

66.1784, 0.3744, 0.3868

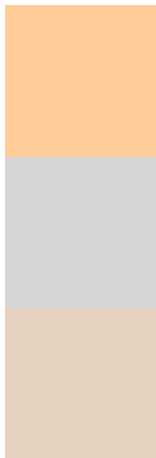
Deuteranomaly

66.5565, 0.3917, 0.3822

Tritanomaly

66.2863, 0.3646, 0.3395

Monochromacy



Original Color

66.2718, 0.3929, 0.3810

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8565, 0.3403, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2718, 0.3929, 0.3810 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, 203, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 153)  
}
```

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, 203, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 153) }
```

Border

The CSS property to change the border of an element to Yxy 66.2718, 0.3929, 0.3810 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, 203, 153) }
```

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

```
.border{ border-color:rgb(255, 203, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2718, 0.3929, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 153) }
```

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

```
.background{ background-color: rgb(255,  
203, 153) }
```

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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