

Converting Colors

$Y_{xy}(65.9743, 0.3795, 0.3681)$

Have a look what the booklet for
Yxy(65.9743, 0.3795, 0.3681)
contains.

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Color

Yxy(65.9743, 0.3795, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	FBCBA6
RGB	251, 203, 166
RGB Percent	98%, 80%, 65%
CMY	0.0158, 0.2039, 0.3489
CMYK	0.00, 0.19, 0.34, 0.02
HSL	26°, 91%, 82%
HSV	26°, 34%, 98%
XYZ	68.0175, 65.9743, 45.2375
YIQ	213.1340, 40.4850, -1.3310

Conversions

Conversions Part 2

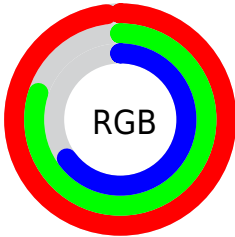
Format	Color
R _Y B	251, 232, 166
Decimal	16501670
CIE Lab	84.98, 11.96, 24.87
CIE LCh	85, 27.597, 64.325
Yxy	65.9743, 0.3795, 0.3681
Android (android.graphics.Color)	4294691750 (0xFFFBCBA6)
YUV	213.1340, -23.2371, 33.2085
Hunter-Lab	81.2246, 7.3330, 23.8360

Details

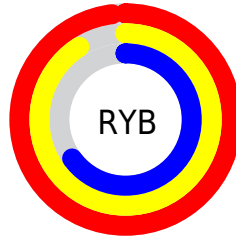
The Yxy color **65.9743, 0.3795, 0.3681** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.1593, 0.2590, 0.2861**, and the grayscale version is **66.7738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **34.0473, 0.3956, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **58.7540, 0.4056, 0.3798**, and if you desaturate by 10%, it is **73.9922, 0.3564, 0.3561**.

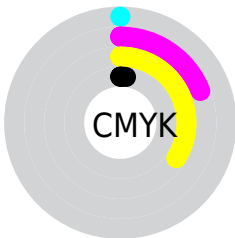
Distribution



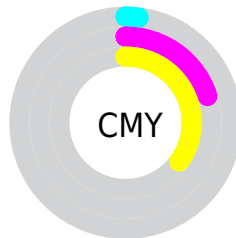
- Red (98%)
- Green (80%)
- Blue (65%)



- Red (98%)
- Yellow (91%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (2%)




- Cyan (2%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9743, 0.3795, 0.3681 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 65.9743, 0.3795, 0.3681 by changing the saturation by 10% instead.


 65.9743, 0.3795,
0.3681


 65.9743, 0.3795,
0.3681


446.2850, 0.3479,
0.3505

 48.2515, 0.3868,
0.3719


 113.4494, 0.3684,
0.3621

 34.0261, 0.3959,
0.3765


 143.9706, 0.3642,
0.3598

 22.9137, 0.4074,
0.3821


179.5267, 0.3605,
0.3577

 14.5298, 0.4225,
0.3890

220.5021, 0.3573,
0.3559

 8.4900, 0.4429,
0.3975

267.2813, 0.3545,
0.3544

 4.4101, 0.4716,
0.4076

320.2485, 0.3521,

 1.9055, 0.5428,

0.3529

0.4416

379.7883, 0.3499,
0.3517

0.5517, 0.5967,
0.4033

0.0000, 0.0000,
0.0000

65.9743, 0.3795,
0.3681

65.9743, 0.3795,
0.3681

58.7540, 0.4056,
0.3798

73.9922, 0.3564,
0.3561

52.2954, 0.4343,
0.3903

82.8237, 0.3362,
0.3443

46.5727, 0.4648,
0.3986

92.4961, 0.3188,
0.3331

41.5553, 0.4956,
0.4032

99.2445, 0.3102,
0.3290

■ 37.2093, 0.5246,
0.4030

■ 33.4966, 0.5495,
0.3972

■ 31.5016, 0.5626,
0.3915

Harmonies

Analogous

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



65.9743, 0.3781, 0.3413



65.9743, 0.3795, 0.3681



65.9743, 0.3622, 0.3866

Triad

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



65.9743, 0.3795, 0.3681



65.9743, 0.2685, 0.3437



65.9743, 0.2909, 0.2754

Complementary

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



65.9743, 0.3795, 0.3681



63.1593, 0.2590, 0.2861

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.



65.9743, 0.2638, 0.2736



65.9743, 0.3795, 0.3681



65.9743, 0.2515, 0.3109

Square

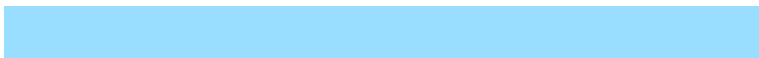
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9743, 0.3795, 0.3681



65.9743, 0.2977, 0.3737



65.9743, 0.2498, 0.2857



65.9743, 0.3253, 0.2897

Rectangle

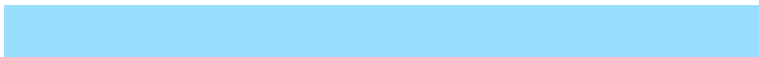
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9743, 0.3795, 0.3681



65.9743, 0.3430, 0.3907



65.9743, 0.2498, 0.2857



65.9743, 0.2807, 0.2733

Sweetspot

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



65.9774, 0.3795, 0.3681



89.6211, 0.3292, 0.3399



52.6498, 0.3476, 0.2791



18.8856, 0.3317, 0.3415



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.



65.9774, 0.3795, 0.3681



62.9444, 0.3979, 0.3766



88.7520, 0.3656, 0.4086



18.4685, 0.3283, 0.3394



16.8399, 0.5598, 0.3937



1.7663, 0.5390, 0.4102

Inverse Universe

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



63.1593, 0.2590, 0.2861



59.5820, 0.2477, 0.2752



44.4601, 0.2523, 0.2345



18.2693, 0.2980, 0.3184



14.0800, 0.1832, 0.1796



1.5150, 0.1886, 0.1991

Previews

White Background



This preview shows how the Yxy color 65.9743, 0.3795, 0.3681 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 65.9743, 0.3795, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

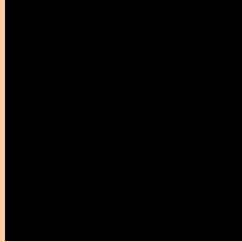
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9743, 0.3795, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 65.9743, 0.3795, 0.3681.



This preview shows how white text looks on a background with the Yxy color 65.9743, 0.3795, 0.3681.

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

65.9743, 0.3795, 0.3681

Protanopia

66.1580, 0.3535, 0.3762

Deuteranopia

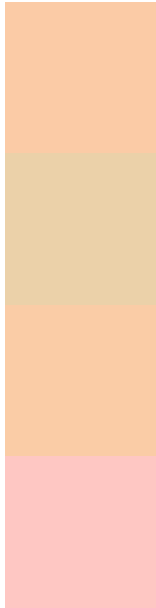
66.0786, 0.3776, 0.3694



Tritanopia

65.9460, 0.3477, 0.3137

Trichromacy



Original Color

65.9743, 0.3795, 0.3681

Protanomaly

66.1277, 0.3623, 0.3730

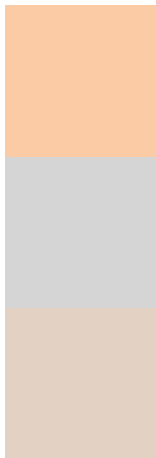
Deuteranomaly

66.2629, 0.3784, 0.3693

Tritanomaly

65.8578, 0.3601, 0.3333

Monochromacy



Original Color

65.9743, 0.3795, 0.3681

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9173, 0.3358, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9743, 0.3795, 0.3681 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(251, 203, 166)` looks like.

```
.text, #text, p{  
    color:rgb(251, 203, 166)  
}
```

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(251, 203, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 203, 166) }
```

Border

The CSS property to change the border of an element to Yxy 65.9743, 0.3795, 0.3681 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(251, 203, 166) }
```

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

```
.border{ border-color:rgb(251, 203, 166) }
```

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

Here you see how a box with a 4 pixel rgb(251, 203, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 203, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 203, 166);  
box-shadow:4px 4px 4px 4px rgb(251, 203,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9743, 0.3795, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 203, 166) }
```

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

```
.background{ background-color: rgb(251,  
203, 166) }
```

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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