

Converting Colors

$Yxy(66.8077, 0.3809, 0.3662)$

Have a look what the booklet for
Yxy(66.8077, 0.3809, 0.3662)
contains.

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Color

Yxy(66.6099, 0.3804, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	FECBA8
RGB	254, 203, 168
RGB Percent	100%, 80%, 66%
CMY	0.0040, 0.2038, 0.3412
CMYK	0.00, 0.20, 0.34, 0.00
HSL	24°, 98%, 83%
HSV	24°, 34%, 100%
XYZ	69.2874, 66.6099, 46.2462
YIQ	214.2590, 41.6310, -0.0730

Conversions

Conversions Part 2

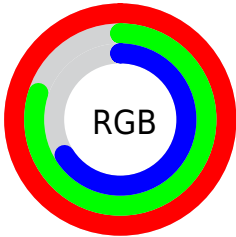
Format	Color
R_{YB}	254, 227, 168
Decimal	16698280
CIE _{Lab}	85.31, 13.33, 24.33
CIE _{LCh}	85, 27.741, 61.281
Yxy	66.6099, 0.3804, 0.3657
Android (android.graphics.Color)	4294888360 (0xFFFECA8)
YUV	214.2590, -22.8057, 34.8529
Hunter-Lab	81.6149, 8.7125, 23.5343

Details

The Yxy color **66.6099, 0.3804, 0.3657** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.1093, 0.2594, 0.2889**, and the grayscale version is **67.5642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **34.4916, 0.3968, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **58.9895, 0.4072, 0.3767**, and if you desaturate by 10%, it is **75.1114, 0.3568, 0.3544**.

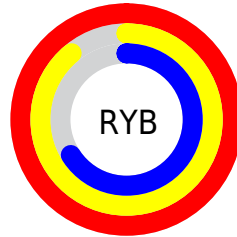
Distribution



Red (100%)

Green (80%)

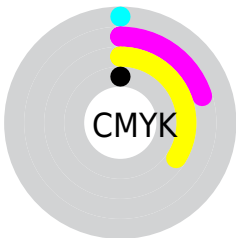
Blue (66%)



Red (100%)

Yellow (89%)

Blue (66%)

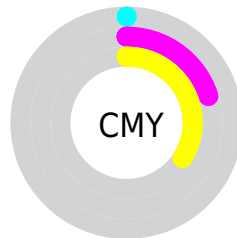


Cyan (0%)

Magenta (20%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6099, 0.3804, 0.3657 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 66.6099, 0.3804, 0.3657 by changing the saturation by 10% instead.

 66.6099, 0.3804,
0.3657

 66.6099, 0.3804,
0.3657


448.5549, 0.3484,
0.3493

 48.7677, 0.3878,
0.3692


 114.3613, 0.3692,
0.3602

 34.4352, 0.3970,
0.3735


 145.0392, 0.3649,
0.3580

 23.2281, 0.4087,
0.3786


180.7645, 0.3612,
0.3561

 14.7621, 0.4240,
0.3848

221.9215, 0.3579,
0.3544

 8.6526, 0.4447,
0.3925

268.8946, 0.3551,
0.3529

 4.5153, 0.4738,
0.4014

322.0683, 0.3526,

 1.9658, 0.5402,

0.3516

0.4284

381.8270, 0.3504,
0.3504

0.5875, 0.6009,
0.3991

0.0000, 0.0000,
0.0000

66.6099, 0.3804,
0.3657

66.6099, 0.3804,
0.3657

58.9895, 0.4072,
0.3767

75.1114, 0.3568,
0.3544

52.2106, 0.4369,
0.3865

84.5135, 0.3364,
0.3434

46.2438, 0.4686,
0.3941

94.8464, 0.3188,
0.3329

41.0543, 0.5009,
0.3981

99.8048, 0.3121,
0.3290

■ 36.6038, 0.5313,
0.3973

■ 32.8494, 0.5573,
0.3910

■ 30.8592, 0.5708,
0.3850

Harmonies

Analogous

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



66.6099, 0.3769, 0.3384



66.6099, 0.3804, 0.3657



66.6099, 0.3648, 0.3854

Triad

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



66.6099, 0.3804, 0.3657



66.6099, 0.2709, 0.3471



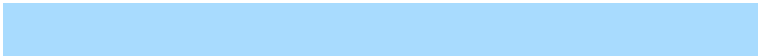
66.6099, 0.2876, 0.2745

Complementary

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



66.6099, 0.3804, 0.3657



66.1093, 0.2594, 0.2889

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.



66.6099, 0.2616, 0.2741



66.6099, 0.3804, 0.3657



66.6099, 0.2524, 0.3140

Square

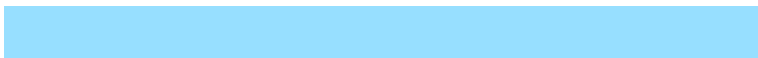
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6099, 0.3804, 0.3657



66.6099, 0.3010, 0.3762



66.6099, 0.2491, 0.2877



66.6099, 0.3217, 0.2877

Rectangle

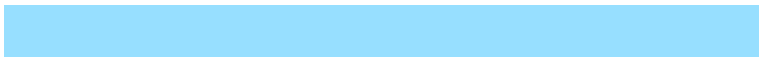
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.6099, 0.3804, 0.3657



66.6099, 0.3462, 0.3907



66.6099, 0.2491, 0.2877



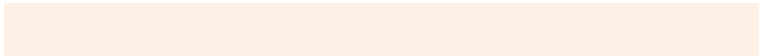
66.6099, 0.2777, 0.2728

Sweetspot

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



66.6130, 0.3804, 0.3657



89.2001, 0.3293, 0.3393



54.2121, 0.3451, 0.2762



18.7840, 0.3318, 0.3407



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.



66.6130, 0.3804, 0.3657



61.6366, 0.3992, 0.3736



89.4207, 0.3665, 0.4062



19.2022, 0.3284, 0.3387



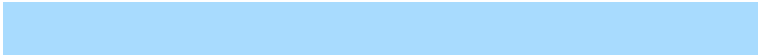
16.5460, 0.5679, 0.3872



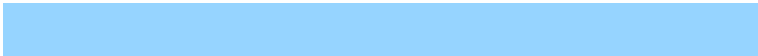
1.8192, 0.5473, 0.4036

Inverse Universe

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



66.1093, 0.2594, 0.2889



61.0362, 0.2483, 0.2788



46.7601, 0.2527, 0.2379



19.1675, 0.2979, 0.3191



15.6569, 0.1859, 0.1894



1.7393, 0.1908, 0.2069

Previews

White Background



This preview shows how the Yxy color 66.6099, 0.3804, 0.3657 looks on a white background.

Color Contrast Check

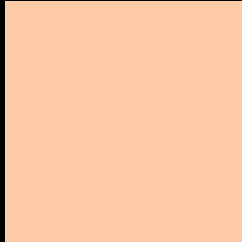
Large Text (above 18pt) WCAG AA × Fail

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 66.6099, 0.3804, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

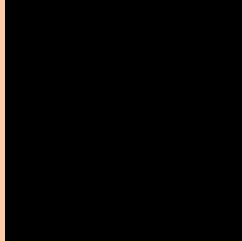
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6099, 0.3804, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 66.6099, 0.3804, 0.3657.



This preview shows how white text looks on a background with the Yxy color 66.6099, 0.3804, 0.3657.

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

66.6099, 0.3804, 0.3657

Protanopia

66.7744, 0.3511, 0.3739

Deuteranopia

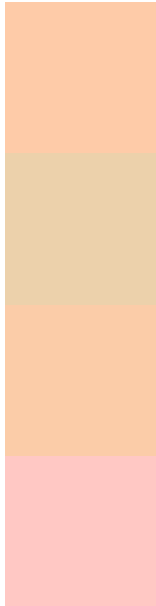
66.6295, 0.3757, 0.3683



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.6099, 0.3804, 0.3657

Protanomaly

66.3741, 0.3616, 0.3707

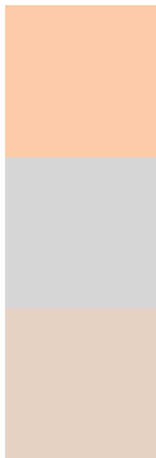
Deuteranomaly

66.5221, 0.3776, 0.3670

Tritanomaly

66.5541, 0.3598, 0.3333

Monochromacy



Original Color

66.6099, 0.3804, 0.3657

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.7824, 0.3365, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6099, 0.3804, 0.3657 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(254, 203, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 168)  
}
```

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(254, 203, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 168) }
```

Border

The CSS property to change the border of an element to Yxy 66.6099, 0.3804, 0.3657 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(254, 203, 168) }
```

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

```
.border{ border-color:rgb(254, 203, 168) }
```

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

Here you see how a box with a 4 pixel rgb(254, 203, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6099, 0.3804, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 168) }
```

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

```
.background{ background-color: rgb(254,  
203, 168) }
```

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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