

Converting Colors

Yxy(66.7142, 0.3694, 0.3609)

Have a look what the booklet for
Yxy(66.7142, 0.3694, 0.3609)
contains.

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Color

Yxy(66.7142, 0.3694, 0.3609)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8CDAF |
| RGB | 248, 205, 175 |
| RGB Percent | 97%, 80%, 69% |
| CMY | 0.0274, 0.1961, 0.3136 |
| CMYK | 0.00, 0.17, 0.29, 0.03 |
| HSL | 25°, 84%, 83% |
| HSV | 25°, 29%, 97% |
| XYZ | 68.2855, 66.7142, 49.8554 |
| YIQ | 214.4370, 35.2580, -0.2140 |

Conversions

Conversions Part 2

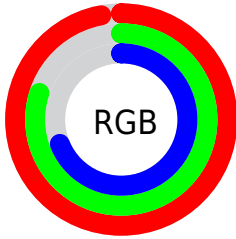
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 248, 226, 175 |
| Decimal | 16305583 |
| CIE Lab | 85.36, 10.92, 20.61 |
| CIE LCh | 85, 23.322, 62.074 |
| Yxy | 66.7142, 0.3694, 0.3609 |
| Android (android.graphics.Color) | 4294495663 (0xFFF8CDAF) |
| YUV | 214.4370, -19.4424, 29.4348 |
| Hunter-Lab | 81.6788, 6.2926, 20.9855 |

Details

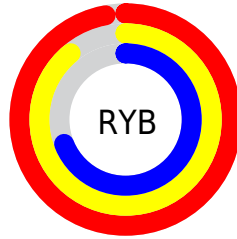
The Yxy color **66.7142, 0.3694, 0.3609** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.0638, 0.2664, 0.2947**, and the grayscale version is **67.6746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **34.6147, 0.3842, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **59.1604, 0.3946, 0.3722**, and if you desaturate by 10%, it is **75.1066, 0.3473, 0.3496**.

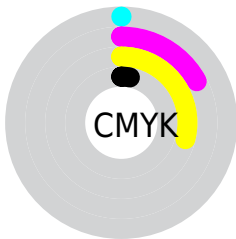
Distribution



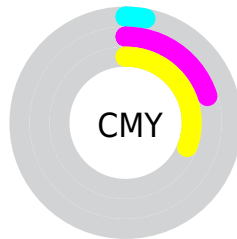
- Red (97%)
- Green (80%)
- Blue (69%)



- Red (97%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7142, 0.3694, 0.3609 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 66.7142, 0.3694, 0.3609 by changing the saturation by 10% instead.


 66.7142, 0.3694,
0.3609

 66.7142, 0.3694,
0.3609


448.9268, 0.3426,
0.3465

 48.8524, 0.3756,
0.3641


 114.5108, 0.3600,
0.3560

 34.5024, 0.3834,
0.3679


145.2144, 0.3564,
0.3541

 23.2798, 0.3933,
0.3726


180.9673, 0.3533,
0.3524

 14.8003, 0.4062,
0.3786

222.1541, 0.3506,
0.3509

 8.6793, 0.4240,
0.3861

269.1590, 0.3482,
0.3496

 4.5326, 0.4495,
0.3956

322.3665, 0.3461,

 1.9757, 0.4984,

0.3485

0.4153

382.1610, 0.3443,
0.3474

0.5933, 0.5833,
0.4167

0.0000, 0.0000,
0.0000

66.7142, 0.3694,
0.3609

66.7142, 0.3694,
0.3609

59.1604, 0.3946,
0.3722

75.1066, 0.3473,
0.3496

52.4083, 0.4230,
0.3827

84.3544, 0.3282,
0.3387

46.4315, 0.4538,
0.3915

94.4857, 0.3118,
0.3284

41.1988, 0.4859,
0.3974

98.6978, 0.3084,
0.3290

■ 36.6758, 0.5172,
0.3989

■ 32.8247, 0.5454,
0.3952

■ 29.5972, 0.5684,
0.3864

■ 29.4273, 0.5697,
0.3859

Harmonies

Analogous

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



66.7142, 0.3668, 0.3380



66.7142, 0.3694, 0.3609



66.7142, 0.3561, 0.3768

Triad

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



66.7142, 0.3694, 0.3609



66.7142, 0.2770, 0.3435



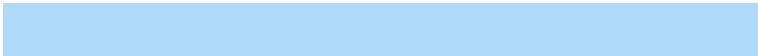
66.7142, 0.2924, 0.2829

Complementary

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



66.7142, 0.3694, 0.3609



66.0638, 0.2664, 0.2947

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.



66.7142, 0.2700, 0.2824



66.7142, 0.3694, 0.3609



66.7142, 0.2614, 0.3160

Square

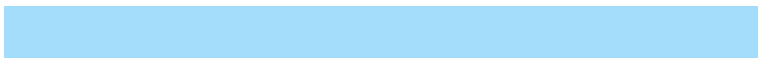
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7142, 0.3694, 0.3609



66.7142, 0.3024, 0.3677



66.7142, 0.2589, 0.2939



66.7142, 0.3212, 0.2943

Rectangle

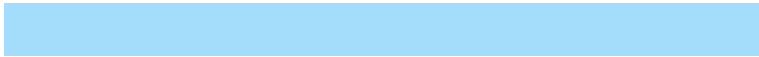
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7142, 0.3694, 0.3609



66.7142, 0.3404, 0.3806



66.7142, 0.2589, 0.2939



66.7142, 0.2839, 0.2814

Sweetspot

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



66.7173, 0.3694, 0.3609



90.2801, 0.3275, 0.3383



55.7385, 0.3397, 0.2834



19.0028, 0.3301, 0.3398



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.



66.7173, 0.3694, 0.3609



66.4310, 0.3832, 0.3673



85.7940, 0.3592, 0.3960



18.3957, 0.3284, 0.3388



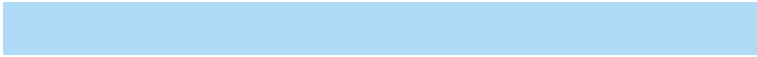
16.1556, 0.5669, 0.3881



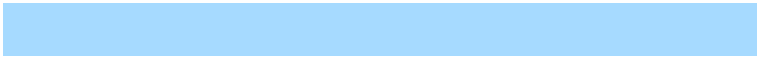
1.6992, 0.5454, 0.4052

Inverse Universe

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



66.0638, 0.2664, 0.2947



65.6268, 0.2575, 0.2870



49.4905, 0.2616, 0.2518



18.3437, 0.2980, 0.3190



15.0782, 0.1857, 0.1884



1.6052, 0.1908, 0.2068

Previews

White Background



This preview shows how the Yxy color 66.7142, 0.3694, 0.3609 looks on a white background.

Color Contrast Check

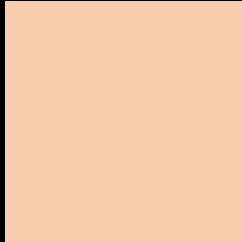
Large Text (above 18pt) WCAG AA × Fail

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 66.7142, 0.3694, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

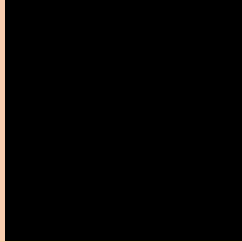
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7142, 0.3694, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 66.7142, 0.3694, 0.3609.



This preview shows how white text looks on a background with the Yxy color 66.7142, 0.3694, 0.3609.

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

66.7142, 0.3694, 0.3609

Protanopia

66.8507, 0.3459, 0.3672

Deuteranopia

66.5319, 0.3686, 0.3610



Tritanopia

66.4486, 0.3427, 0.3126

Trichromacy



Original Color

66.7142, 0.3694, 0.3609

Protanomaly

66.6312, 0.3537, 0.3643

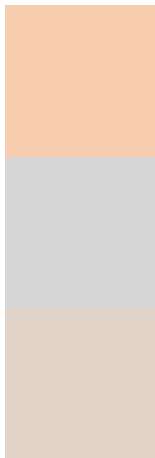
Deuteranomaly

66.5319, 0.3686, 0.3610

Tritanomaly

66.4526, 0.3532, 0.3302

Monochromacy



Original Color

66.7142, 0.3694, 0.3609

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.9274, 0.3318, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7142, 0.3694, 0.3609 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(248, 205, 175)` looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 175)  
}
```

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(248, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 175) }
```

Border

The CSS property to change the border of an element to Yxy 66.7142, 0.3694, 0.3609 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(248, 205, 175) }
```

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

```
.border{ border-color:rgb(248, 205, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 205, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7142, 0.3694, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 175) }
```

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

```
.background{ background-color: rgb(248,  
205, 175) }
```

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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