

Converting Colors

$Yxy(65.9048, 0.3929, 0.4007)$

Have a look what the booklet for
Yxy(65.9048, 0.3929, 0.4007)
contains.

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Color

Yxy(65.9316, 0.3927, 0.4002)

Conversions

Conversions Part 1

Format	Color
Hex	F5CF8C
RGB	245, 207, 140
RGB Percent	96%, 81%, 55%
CMY	0.0393, 0.1882, 0.4511
CMYK	0.00, 0.15, 0.43, 0.04
HSL	38°, 84%, 75%
HSV	38°, 43%, 96%
XYZ	64.6960, 65.9316, 34.1190
YIQ	210.7240, 44.1550, -12.7810

Conversions

Conversions Part 2

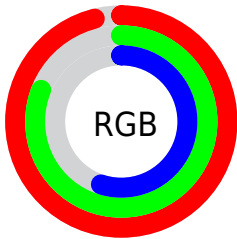
Format	Color
R _Y B	200, 245, 140
Decimal	16109452
CIE Lab	84.96, 4.65, 38.23
CIE LCh	85, 38.509, 83.066
Yxy	65.9316, 0.3927, 0.4002
Android (android.graphics.Color)	4294299532 (0xFFF5CF8C)
YUV	210.7240, -34.8669, 30.0601
Hunter-Lab	81.1983, 0.1257, 31.9255

Details

The Yxy color **65.9316, 0.3927, 0.4002** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.9838, 0.2403, 0.2447**, and the grayscale version is **65.1619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **34.0685, 0.4108, 0.4154** is the 20% darker color. If you saturate the color by 10%, you get **61.1180, 0.4148, 0.4156**, and if you desaturate by 10%, it is **71.1530, 0.3715, 0.3835**.

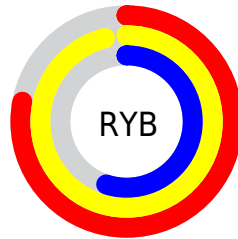
Distribution



Red (96%)

Green (81%)

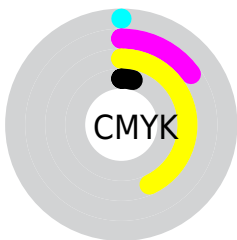
Blue (55%)



Red (78%)

Yellow (96%)

Blue (55%)

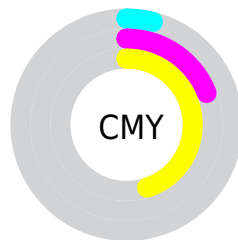


Cyan (0%)

Magenta (15%)

Yellow (43%)

Black (4%)



Cyan (4%)


Magenta (19%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9316, 0.3927, 0.4002 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 65.9316, 0.3927, 0.4002 by changing the saturation by 10% instead.

 65.9316, 0.3927,
0.4002


 65.9316, 0.3927,
0.4002


446.1322, 0.3556,
0.3678


 48.2169, 0.4010,
0.4072


 113.3882, 0.3799,
0.3892

 33.9987, 0.4111,
0.4157


 143.8988, 0.3749,
0.3849

 22.8926, 0.4235,
0.4258


 179.4435, 0.3706,
0.3811

 14.5142, 0.4389,
0.4381

220.4067, 0.3668,
0.3778

 8.4792, 0.4583,
0.4528

267.1728, 0.3635,
0.3749

 4.4031, 0.4884,
0.4753

320.1261, 0.3606,

 1.9015, 0.5130,

0.3723

0.4870

379.6511, 0.3579,
0.3699

■ 0.5493, 0.5364,
0.4636

■ 0.0000, 0.0000,
0.0000

■ 65.9316, 0.3927,
0.4002

■ 65.9316, 0.3927,
0.4002

■ 61.1180, 0.4148,
0.4156

■ 71.1530, 0.3715,
0.3835

■ 56.6883, 0.4370,
0.4286

■ 76.7867, 0.3516,
0.3665

■ 52.6294, 0.4582,
0.4379

■ 82.8483, 0.3335,
0.3496

■ 48.9231, 0.4772,
0.4427

■ 89.3500, 0.3171,
0.3335

■ 45.5484, 0.4932,
0.4421

■ 95.8127, 0.3066,
0.3254

■ 43.3212, 0.5027,
0.4390

■ 98.1487, 0.3066,
0.3290

Harmonies

Analogous

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



65.9316, 0.4086, 0.3680



65.9316, 0.3927, 0.4002



65.9316, 0.3555, 0.4158

Triad

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



65.9316, 0.3927, 0.4002



65.9316, 0.2351, 0.3191



65.9316, 0.3111, 0.2667

Complementary

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



65.9316, 0.3927, 0.4002



43.9838, 0.2403, 0.2447

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.



65.9316, 0.2665, 0.2531



65.9316, 0.3927, 0.4002



65.9316, 0.2253, 0.2792

Square

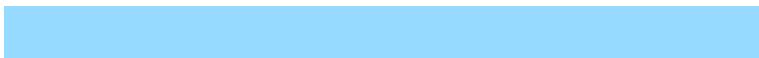
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9316, 0.3927, 0.4002



65.9316, 0.2647, 0.3669



65.9316, 0.2363, 0.2567



65.9316, 0.3597, 0.2939

Rectangle

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



65.9316, 0.3927, 0.4002



65.9316, 0.3244, 0.4115



65.9316, 0.2363, 0.2567



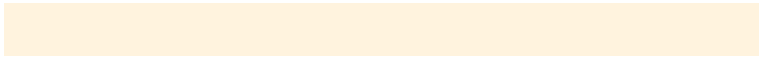
65.9316, 0.2951, 0.2604

Sweetspot

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



65.9347, 0.3927, 0.4002



90.6355, 0.3338, 0.3499



41.3930, 0.3828, 0.2875



19.0770, 0.3376, 0.3536



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.



65.9347, 0.3927, 0.4002



67.8407, 0.4109, 0.4130



84.1704, 0.3666, 0.4388



18.2470, 0.3278, 0.3441



23.6146, 0.5010, 0.4404



2.2701, 0.4881, 0.4507

Inverse Universe

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



43.9838, 0.2403, 0.2447



41.0704, 0.2258, 0.2248



32.2101, 0.2420, 0.1989



16.9075, 0.2980, 0.3135



7.6023, 0.1654, 0.1153



0.8561, 0.1723, 0.1401

Previews

White Background



This preview shows how the Yxy color 65.9316, 0.3927, 0.4002 looks on a white background.

Color Contrast Check

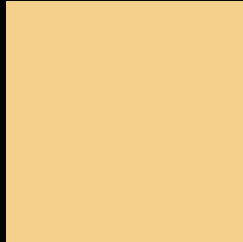
Large Text (above 18pt) WCAG AA × Fail

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 65.9316, 0.3927, 0.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

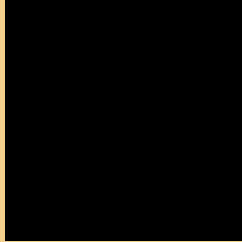
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9316, 0.3927, 0.4002

Background



This preview shows how black text looks on a background with the Yxy color 65.9316, 0.3927, 0.4002.



This preview shows how white text looks on a background with the Yxy color 65.9316, 0.3927, 0.4002.

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

65.9316, 0.3927, 0.4002

Protanopia

65.8630, 0.3769, 0.4065

Deuteranopia

65.8950, 0.4020, 0.3930



Tritanopia

65.8877, 0.3444, 0.3136

Trichromacy



Original Color

65.9316, 0.3927, 0.4002

Protanomaly

65.6784, 0.3825, 0.4044

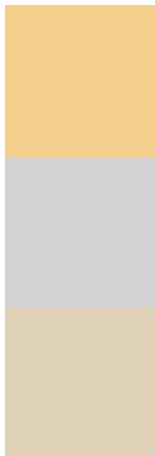
Deuteranomaly

65.6180, 0.3983, 0.3949

Tritanomaly

65.4582, 0.3627, 0.3450

Monochromacy



Original Color

65.9316, 0.3927, 0.4002

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2839, 0.3406, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9316, 0.3927, 0.4002 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(245, 207, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 207, 140)  
}
```

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(245, 207, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 207, 140) }
```

Border

The CSS property to change the border of an element to Yxy 65.9316, 0.3927, 0.4002 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(245, 207, 140) }
```

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

```
.border{ border-color:rgb(245, 207, 140) }
```

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

Here you see how a box with a 4 pixel rgb(245, 207, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 207, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 207, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 207,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9316, 0.3927, 0.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 207, 140) }
```

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

```
.background{ background-color: rgb(245,  
207, 140) }
```

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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