

Converting Colors

$Yxy(65.3069, 0.3945, 0.4067)$

Have a look what the booklet for
Yxy(65.3069, 0.3945, 0.4067)
contains.

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Color

Yxy(65.2241, 0.3945, 0.4070)

Conversions

Conversions Part 1

Format	Color
Hex	F2CF86
RGB	242, 207, 134
RGB Percent	95%, 81%, 53%
CMY	0.0512, 0.1881, 0.4745
CMYK	0.00, 0.14, 0.45, 0.05
HSL	41°, 81%, 74%
HSV	41°, 45%, 95%
XYZ	63.2209, 65.2241, 31.8108
YIQ	209.1430, 44.2930, -15.2830

Conversions

Conversions Part 2

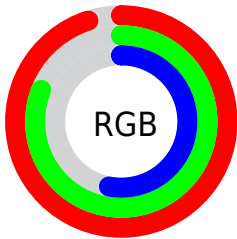
Format	Color
R _Y B	186, 242, 134
Decimal	15912838
CIE Lab	84.60, 2.84, 40.74
CIE LCh	85, 40.836, 86.008
Yxy	65.2241, 0.3945, 0.4070
Android (android.graphics.Color)	4294102918 (0xFFFF2CF86)
YUV	209.1430, -37.0455, 28.8156
Hunter-Lab	80.7614, -1.6008, 33.1795

Details

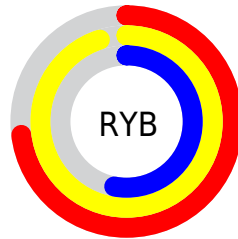
The Yxy color **65.2241, 0.3945, 0.4070** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.8240, 0.2363, 0.2351**, and the grayscale version is **64.0822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **33.5973, 0.4128, 0.4239** is the 20% darker color. If you saturate the color by 10%, you get **60.9274, 0.4155, 0.4228**, and if you desaturate by 10%, it is **69.8694, 0.3739, 0.3897**.

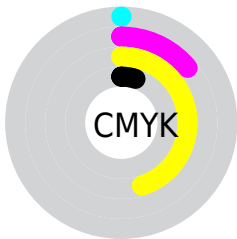
Distribution



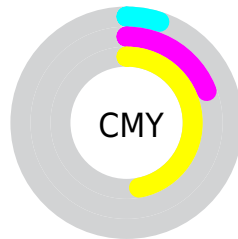
- Red (95%)
- Green (81%)
- Blue (53%)



- Red (73%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2241, 0.3945, 0.4070 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 65.2241, 0.3945, 0.4070 by changing the saturation by 10% instead.


 65.2241, 0.3945,
0.4070


 65.2241, 0.3945,
0.4070


443.5968, 0.3567,
0.3714

 47.6428, 0.4029,
0.4147


 112.3720, 0.3815,
0.3949

 33.5441, 0.4130,
0.4240


 142.7074, 0.3764,
0.3901

 22.5436, 0.4253,
0.4352


 178.0629, 0.3720,
0.3860

 14.2569, 0.4405,
0.4486

218.8230, 0.3682,
0.3823

 8.2995, 0.4589,
0.4645

265.3721, 0.3648,
0.3791

 4.2872, 0.4927,
0.4939

318.0945, 0.3618,

 1.8355, 0.5033,

0.3763

0.4967

377.3746, 0.3591,
0.3737

0.5091, 0.5208,
0.4792

0.0000, 0.0000,
0.0000

65.2241, 0.3945,
0.4070

65.2241, 0.3945,
0.4070

60.9274, 0.4155,
0.4228

69.8694, 0.3739,
0.3897

56.9568, 0.4361,
0.4360


74.8665, 0.3544,
0.3717

53.3005, 0.4553,
0.4453


80.2298, 0.3363,
0.3539

49.9418, 0.4722,
0.4499


85.9702, 0.3198,
0.3367

 46.8606, 0.4858,
0.4494

 92.0977, 0.3049,
0.3203

 45.3020, 0.4921,
0.4475

 96.9664, 0.3047,
0.3280

 97.6083, 0.3047,
0.3290

Harmonies

Analogous

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



65.2241, 0.4143, 0.3737



65.2241, 0.3945, 0.4070



65.2241, 0.3532, 0.4217

Triad

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



65.2241, 0.3945, 0.4070



65.2241, 0.2284, 0.3134



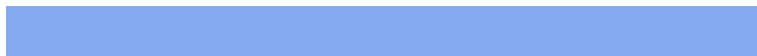
65.2241, 0.3160, 0.2653

Complementary

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



65.2241, 0.3945, 0.4070



39.8240, 0.2363, 0.2351

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.



65.2241, 0.2676, 0.2494



65.2241, 0.3945, 0.4070



65.2241, 0.2204, 0.2727

Square

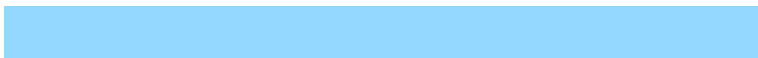
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.2241, 0.3945, 0.4070



65.2241, 0.2577, 0.3645



65.2241, 0.2340, 0.2511



65.2241, 0.3673, 0.2952

Rectangle

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



65.2241, 0.3945, 0.4070



65.2241, 0.3199, 0.4154



65.2241, 0.2340, 0.2511



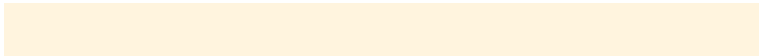
65.2241, 0.2988, 0.2583

Sweetspot

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



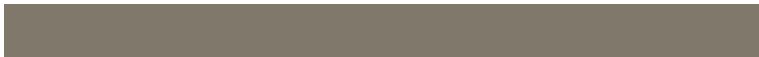
65.2272, 0.3945, 0.4070



91.3929, 0.3336, 0.3511



38.8201, 0.3910, 0.2898



19.2646, 0.3374, 0.3550



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.



65.2272, 0.3945, 0.4070



68.8672, 0.4145, 0.4221



81.0360, 0.3659, 0.4441



17.5466, 0.3276, 0.3449



24.6065, 0.4906, 0.4487



2.2267, 0.4788, 0.4580

Inverse Universe

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



39.8240, 0.2363, 0.2351



36.8105, 0.2192, 0.2106



30.1325, 0.2412, 0.1939



16.0637, 0.2980, 0.3126



6.6131, 0.1627, 0.1055



0.7240, 0.1699, 0.1315

Previews

White Background



This preview shows how the Yxy color 65.2241, 0.3945, 0.4070 looks on a white background.

Color Contrast Check

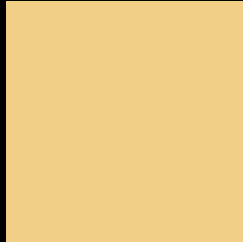
Large Text (above 18pt) WCAG AA × Fail

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 65.2241, 0.3945, 0.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

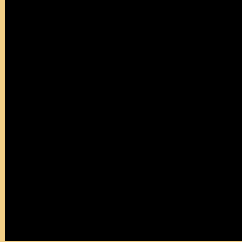
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2241, 0.3945, 0.4070

Background



This preview shows how black text looks on a background with the Yxy color 65.2241, 0.3945, 0.4070.



This preview shows how white text looks on a background with the Yxy color 65.2241, 0.3945, 0.4070.

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

65.2241, 0.3945, 0.4070

Protanopia

65.1891, 0.3815, 0.4119

Deuteranopia

65.2503, 0.4070, 0.3979



Tritanopia

65.0606, 0.3429, 0.3125

Trichromacy



Original Color

65.2241, 0.3945, 0.4070

Protanomaly

65.3349, 0.3859, 0.4109

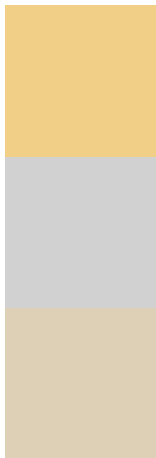
Deuteranomaly

65.2590, 0.4019, 0.4010

Tritanomaly

65.0081, 0.3627, 0.3472

Monochromacy



Original Color

65.2241, 0.3945, 0.4070

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8613, 0.3416, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2241, 0.3945, 0.4070 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(242, 207, 134)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 134)  
}
```

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(242, 207, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 134) }
```

Border

The CSS property to change the border of an element to Yxy 65.2241, 0.3945, 0.4070 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(242, 207, 134) }
```

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

```
.border{ border-color:rgb(242, 207, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 207, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 207, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 207, 134); box-shadow:4px 4px 4px 4px rgb(242, 207, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2241, 0.3945, 0.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 134) }
```

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

```
.background{ background-color: rgb(242,  
207, 134) }
```

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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