

Converting Colors

$Yxy(66.4202, 0.4203, 0.4239)$

Have a look what the booklet for
Yxy(66.4202, 0.4203, 0.4239)
contains.

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Color

Yxy(66.3611, 0.4204, 0.4239)

Conversions

Conversions Part 1

Format	Color
Hex	FECE6F
RGB	254, 206, 111
RGB Percent	100%, 81%, 44%
CMY	0.0039, 0.1921, 0.5648
CMYK	0.00, 0.19, 0.56, 0.00
HSL	40°, 99%, 72%
HSV	40°, 56%, 100%
XYZ	65.8132, 66.3611, 24.3747
YIQ	209.5220, 59.1030, -19.3690

Conversions

Conversions Part 2

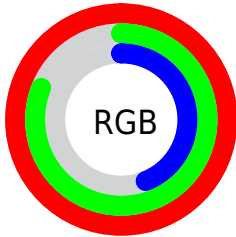
Format	Color
R _Y B	183, 254, 111
Decimal	16698991
CIE Lab	85.18, 6.22, 53.01
CIE LCh	85, 53.374, 83.304
Yxy	66.3611, 0.4204, 0.4239
Android (android.graphics.Color)	4294889071 (0xFFFECE6F)
YUV	209.5220, -48.5713, 39.0072
Hunter-Lab	81.4623, 1.6506, 39.2832

Details

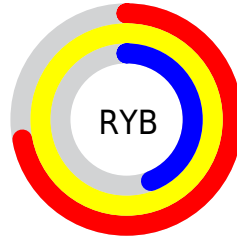
The Yxy color **66.3611, 0.4204, 0.4239** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.3241, 0.2157, 0.2068**, and the grayscale version is **64.4154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4966, 0.3661, 0.4172**, and **34.2416, 0.4424, 0.4421** is the 20% darker color. If you saturate the color by 10%, you get **61.8884, 0.4414, 0.4363**, and if you desaturate by 10%, it is **71.2218, 0.3990, 0.4087**.

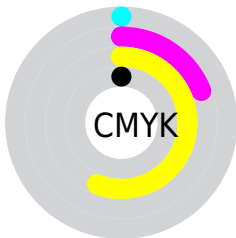
Distribution



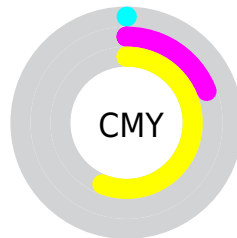
- Red (100%)
- Green (81%)
- Blue (44%)



- Red (72%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3611, 0.4204, 0.4239 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 66.3611, 0.4204, 0.4239 by changing the saturation by 10% instead.


 66.3611, 0.4204,
0.4239


 66.3611, 0.4204,
0.4239


447.6672, 0.3717,
0.3823


 48.5656, 0.4307,
0.4323


 114.0045, 0.4041,
0.4103

 34.2750, 0.4428,
0.4419


 144.6211, 0.3975,
0.4047

 23.1049, 0.4570,
0.4527


 180.2802, 0.3918,
0.3998

 14.6710, 0.4734,
0.4644

 221.3663, 0.3868,
0.3955

 8.5888, 0.4931,
0.4772

268.2636, 0.3823,
0.3917

 4.4740, 0.5131,
0.4869

321.3566, 0.3784,

 1.9421, 0.5212,

0.3882

0.4788

381.0296, 0.3749,
0.3851

■ 0.5735, 0.5486,
0.4514

■ 0.0000, 0.0000,
0.0000

■ 66.3611, 0.4204,
0.4239

■ 66.3611, 0.4204,
0.4239

■ 61.8884, 0.4414,
0.4363

■ 71.2218, 0.3990,
0.4087

■ 57.7767, 0.4608,
0.4446

■ 76.4767, 0.3779,
0.3918

■ 54.0095, 0.4776,
0.4480

■ 82.1432, 0.3580,
0.3741

■ 50.5627, 0.4912,
0.4462

■ 88.2348, 0.3394,
0.3565

■ 49.3580, 0.4956,
0.4447

■ 94.7641, 0.3225,
0.3393

99.8109, 0.3121,
0.3290

Harmonies

Analogous

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



66.3611, 0.4445, 0.3784



66.3611, 0.4204, 0.4239



66.3611, 0.3683, 0.4497

Triad

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



66.3611, 0.4204, 0.4239



66.3611, 0.2078, 0.3126



66.3611, 0.3100, 0.2463

Complementary

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



66.3611, 0.4204, 0.4239



35.3241, 0.2157, 0.2068

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.



66.3611, 0.2498, 0.2281



66.3611, 0.4204, 0.4239



66.3611, 0.1961, 0.2591

Square

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



66.3611, 0.4204, 0.4239



66.3611, 0.2459, 0.3816



66.3611, 0.2105, 0.2313



66.3611, 0.3777, 0.2817

Rectangle

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



66.3611, 0.4204, 0.4239



66.3611, 0.3259, 0.4460



66.3611, 0.2105, 0.2313



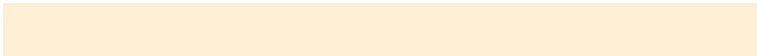
66.3611, 0.2882, 0.2381

Sweetspot

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



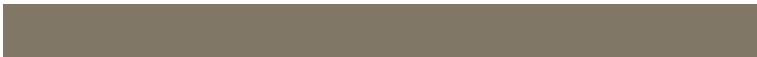
66.3643, 0.4204, 0.4239



88.5826, 0.3407, 0.3577



35.0117, 0.4216, 0.2785



18.6898, 0.3443, 0.3612



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.



66.3643, 0.4204, 0.4239



61.7089, 0.4448, 0.4380



89.2791, 0.3787, 0.4711



20.0034, 0.3278, 0.3447



26.3053, 0.4941, 0.4459



2.7629, 0.4833, 0.4544

Inverse Universe

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



35.3241, 0.2157, 0.2068



27.6911, 0.1966, 0.1765



23.4629, 0.2165, 0.1532



18.3738, 0.2979, 0.3128



7.4599, 0.1634, 0.1081



0.9182, 0.1696, 0.1304

Previews

White Background



This preview shows how the Yxy color 66.3611, 0.4204, 0.4239 looks on a white background.

Color Contrast Check

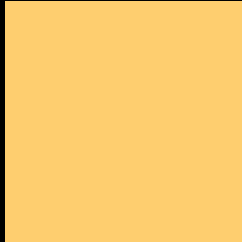
Large Text (above 18pt) WCAG AA × Fail

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 66.3611, 0.4204, 0.4239 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 66.3611, 0.4204, 0.4239

Background



This preview shows how black text looks on a background with the Yxy color 66.3611, 0.4204, 0.4239.



This preview shows how white text looks on a background with the Yxy color 66.3611, 0.4204, 0.4239.

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

66.3611, 0.4204, 0.4239

Protanopia

66.4429, 0.3997, 0.4351

Deuteranopia

66.1117, 0.4081, 0.4027



Tritanopia

66.3013, 0.3491, 0.3168

Trichromacy



Original Color

66.3611, 0.4204, 0.4239

Protanomaly

66.1403, 0.4077, 0.4308

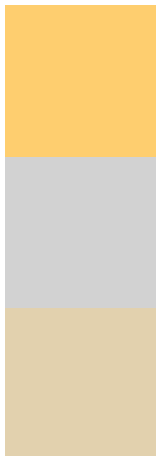
Deuteranomaly

66.3779, 0.4132, 0.4111

Tritanomaly

66.0893, 0.3772, 0.3573

Monochromacy



Original Color

66.3611, 0.4204, 0.4239

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8257, 0.3513, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3611, 0.4204, 0.4239 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, 206, 111)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 111)  
}
```

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, 206, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 111) }
```

Border

The CSS property to change the border of an element to Yxy 66.3611, 0.4204, 0.4239 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, 206, 111) }
```

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

```
.border{ border-color:rgb(254, 206, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 206, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 206, 111); box-shadow:4px 4px 4px 4px rgb(254, 206, 111) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3611, 0.4204, 0.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 111) }
```

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

```
.background{ background-color: rgb(254,  
206, 111) }
```

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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