

Converting Colors

$Yxy(66.0703, 0.4218, 0.4226)$

Have a look what the booklet for
Yxy(66.0703, 0.4218, 0.4226)
contains.

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Color

Yxy(66.0703, 0.4218, 0.4226)

Conversions

Conversions Part 1

Format	Color
Hex	FFCD6F
RGB	255, 205, 111
RGB Percent	100%, 80%, 44%
CMY	0.0000, 0.1961, 0.5645
CMYK	0.00, 0.20, 0.56, 0.00
HSL	39°, 100%, 72%
HSV	39°, 56%, 100%
XYZ	65.9452, 66.0703, 24.3269
YIQ	209.2340, 59.9740, -18.6340

Conversions

Conversions Part 2

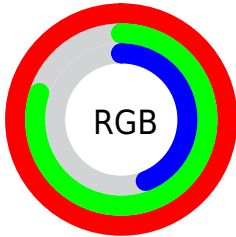
Format	Color
RYB	188, 255, 111
Decimal	16764271
CIELab	85.03, 7.16, 52.83
CIELCh	85, 53.317, 82.286
Yxy	66.0703, 0.4218, 0.4226
Android (android.graphics.Color)	4294954351 (0xFFFFCD6F)
YUV	209.2340, -48.4294, 40.1368
Hunter-Lab	81.2836, 2.5703, 39.1540

Details

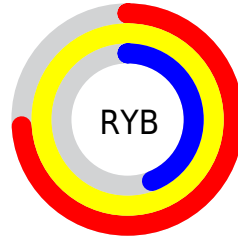
The Yxy color **66.0703, 0.4218, 0.4226** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.1057, 0.2159, 0.2086**, and the grayscale version is **64.2167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4966, 0.3661, 0.4172**, and **34.0511, 0.4445, 0.4404** is the 20% darker color. If you saturate the color by 10%, you get **61.4693, 0.4432, 0.4347**, and if you desaturate by 10%, it is **71.0738, 0.4000, 0.4077**.

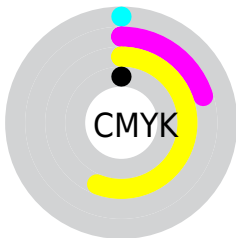
Distribution



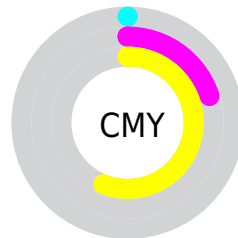
- Red (100%)
- Green (80%)
- Blue (44%)



- Red (74%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0703, 0.4218, 0.4226 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 66.0703, 0.4218, 0.4226 by changing the saturation by 10% instead.


 66.0703, 0.4218,
0.4226


 66.0703, 0.4218,
0.4226


446.6283, 0.3723,
0.3817

 48.3295, 0.4323,
0.4308

 113.5872, 0.4052,
0.4092


 34.0879, 0.4446,
0.4402

 144.1321, 0.3985,
0.4038

 22.9611, 0.4591,
0.4507

 179.7138, 0.3927,
0.3990

 14.5648, 0.4759,
0.4620

 220.7167, 0.3877,
0.3947

 8.5145, 0.4962,
0.4743

267.5252, 0.3832,
0.3909

 4.4259, 0.5170,
0.4830

320.5237, 0.3791,

 1.9145, 0.5264,

0.3875

0.4736

380.0966, 0.3756,
0.3845

■ 0.5571, 0.5583,
0.4417

■ 0.0000, 0.0000,
0.0000

■ 66.0703, 0.4218,
0.4226

■ 66.0703, 0.4218,
0.4226

■ 61.4693, 0.4432,
0.4347

■ 71.0738, 0.4000,
0.4077

■ 57.2494, 0.4631,
0.4427

■ 76.4925, 0.3787,
0.3910

■ 53.3912, 0.4805,
0.4458

■ 82.3425, 0.3585,
0.3736

■ 49.8699, 0.4945,
0.4436

■ 88.6378, 0.3398,
0.3562

48.6907, 0.4989,
0.4420

95.3914, 0.3228,
0.3394

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



66.0703, 0.4447, 0.3767



66.0703, 0.4218, 0.4226



66.0703, 0.3704, 0.4494

Triad

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



66.0703, 0.4218, 0.4226



66.0703, 0.2086, 0.3148



66.0703, 0.3077, 0.2453

Complementary

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



66.0703, 0.4218, 0.4226



36.1057, 0.2159, 0.2086

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.



66.0703, 0.2481, 0.2278



66.0703, 0.4218, 0.4226



66.0703, 0.1960, 0.2605

Square

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



66.0703, 0.4218, 0.4226



66.0703, 0.2475, 0.3839



66.0703, 0.2096, 0.2318



66.0703, 0.3755, 0.2802

Rectangle

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



66.0703, 0.4218, 0.4226



66.0703, 0.3281, 0.4467



66.0703, 0.2096, 0.2318



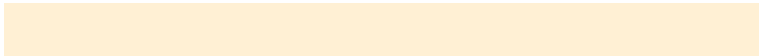
66.0703, 0.2860, 0.2373

Sweetspot

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



66.0715, 0.4218, 0.4226



88.2830, 0.3408, 0.3572



35.2259, 0.4220, 0.2784



18.6188, 0.3444, 0.3606



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.



66.0715, 0.4218, 0.4226



60.7928, 0.4464, 0.4362



90.0606, 0.3788, 0.4714



19.9663, 0.3278, 0.3445



25.7320, 0.4973, 0.4434



2.7099, 0.4860, 0.4523

Inverse Universe

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



36.1057, 0.2159, 0.2086



28.2898, 0.1973, 0.1792



23.5544, 0.2162, 0.1526



18.4094, 0.2979, 0.3130



7.7188, 0.1642, 0.1111



0.9466, 0.1704, 0.1336

Previews

White Background



This preview shows how the Yxy color 66.0703, 0.4218, 0.4226 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 66.0703, 0.4218, 0.4226 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 66.0703, 0.4218, 0.4226

Background



This preview shows how black text looks on a background with the Yxy color 66.0703, 0.4218, 0.4226.



This preview shows how white text looks on a background with the Yxy color 66.0703, 0.4218, 0.4226.

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

66.0703, 0.4218, 0.4226

Protanopia

66.2958, 0.3983, 0.4345

Deuteranopia

66.0844, 0.4088, 0.4037



Tritanopia

65.7960, 0.3501, 0.3168

Trichromacy



Original Color

66.0703, 0.4218, 0.4226

Protanomaly

66.1627, 0.4071, 0.4299

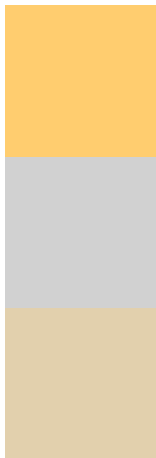
Deuteranomaly

65.9010, 0.4137, 0.4102

Tritanomaly

65.5857, 0.3783, 0.3573

Monochromacy



Original Color

66.0703, 0.4218, 0.4226

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2976, 0.3523, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0703, 0.4218, 0.4226 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(255, 205, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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(255, 205, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 111) }
```

Border

The CSS property to change the border of an element to Yxy 66.0703, 0.4218, 0.4226 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(255, 205, 111) }
```

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

```
.border{ border-color:rgb(255, 205, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0703, 0.4218, 0.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 111) }
```

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

```
.background{ background-color: rgb(255,  
205, 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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