

Converting Colors

$Yxy(85.8737, 0.4931, 0.4107)$

Have a look what the booklet for
Yxy(85.8737, 0.4931, 0.4107)
contains.

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Color

Yxy(66.0907, 0.4351, 0.4422)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE57
RGB	255, 206, 87
RGB Percent	100%, 81%, 34%
CMY	0.0000, 0.1921, 0.6589
CMYK	0.00, 0.19, 0.66, 0.00
HSL	43°, 100%, 67%
HSV	43°, 66%, 100%
XYZ	65.0295, 66.0907, 18.3386
YIQ	207.0850, 67.4030, -26.6210

Conversions

Conversions Part 2

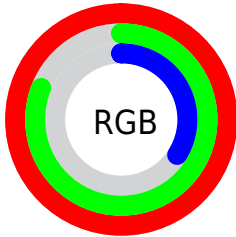
Format	Color
R_{YB}	156, 255, 87
Decimal	16764503
CIE _{Lab}	85.04, 5.05, 63.76
CIE _{LCh}	85, 63.962, 85.468
Yxy	66.0907, 0.4351, 0.4422
Android (android.graphics.Color)	4294954583 (0xFFFFCE57)
YUV	207.0850, -59.2019, 42.0215
Hunter-Lab	81.2962, 0.5154, 43.5328

Details

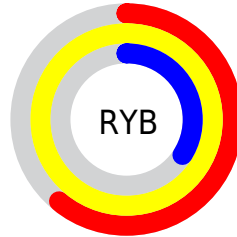
The Yxy color **66.0907, 0.4351, 0.4422** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **26.8401, 0.1976, 0.1723**, and the grayscale version is **62.8106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7031, 0.3793, 0.4391**, and **34.1473, 0.4584, 0.4610** is the 20% darker color. If you saturate the color by 10%, you get **62.2528, 0.4527, 0.4515**, and if you desaturate by 10%, it is **70.2514, 0.4158, 0.4289**.

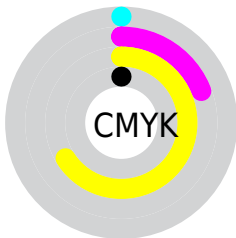
Distribution



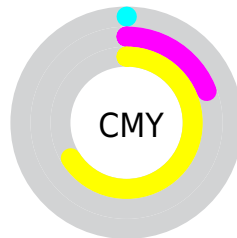
- Red (100%)
- Green (81%)
- Blue (34%)



- Red (61%)
- Yellow (100%)
- Blue (34%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (0%)




- Cyan (0%)
- Magenta (19%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0907, 0.4351, 0.4422 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 66.0907, 0.4351, 0.4422 by changing the saturation by 10% instead.


 66.0907, 0.4351,
0.4422


 66.0907, 0.4351,
0.4422


446.7012, 0.3813,
0.3938

 48.3460, 0.4458,
0.4513

 113.6165, 0.4176,
0.4268

 34.1010, 0.4579,
0.4614


 144.1664, 0.4104,
0.4204

 22.9712, 0.4713,
0.4721


 179.7536, 0.4040,
0.4147

 14.5722, 0.4854,
0.4824

 220.7623, 0.3984,
0.4096

 8.5197, 0.5043,
0.4957

267.5770, 0.3934,
0.4050

 4.4293, 0.5084,
0.4916

320.5822, 0.3889,

 1.9165, 0.5151,

0.4009

0.4849

380.1621, 0.3849,
0.3972

■ 0.5583, 0.5395,
0.4605

■ 0.0000, 0.0000,
0.0000

■ 66.0907, 0.4351,
0.4422

■ 66.0907, 0.4351,
0.4422

■ 62.2528, 0.4527,
0.4515

■ 70.2514, 0.4158,
0.4289

■ 58.7095, 0.4677,
0.4560

■ 74.7415, 0.3957,
0.4128

■ 55.4415, 0.4795,
0.4554

■ 79.5788, 0.3757,
0.3949

■ 54.1667, 0.4837,
0.4541

■ 84.7766, 0.3565,
0.3762

■ 90.3471, 0.3384,
0.3575

■ 96.3020, 0.3218,
0.3393

99.9993, 0.3127,
0.3290

Harmonies

Analogous

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



66.0907, 0.4687, 0.3879



66.0907, 0.4351, 0.4422



66.0907, 0.3709, 0.4746

Triad

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



66.0907, 0.4351, 0.4422



66.0907, 0.1874, 0.3021



66.0907, 0.3144, 0.2348

Complementary

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



66.0907, 0.4351, 0.4422



26.8401, 0.1976, 0.1723

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.



66.0907, 0.2424, 0.2122



66.0907, 0.4351, 0.4422



66.0907, 0.1770, 0.2417

Square

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



66.0907, 0.4351, 0.4422



66.0907, 0.2284, 0.3864



66.0907, 0.1956, 0.2131



66.0907, 0.3958, 0.2764

Rectangle

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



66.0907, 0.4351, 0.4422



66.0907, 0.3206, 0.4700



66.0907, 0.1956, 0.2131



66.0907, 0.2882, 0.2249

Sweetspot

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



66.0939, 0.4351, 0.4422



88.0172, 0.3457, 0.3651



29.8875, 0.4638, 0.2818



18.5053, 0.3508, 0.3704



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.



66.0939, 0.4351, 0.4422



61.1236, 0.4577, 0.4534



87.6386, 0.3800, 0.4939



20.1435, 0.3276, 0.3458



28.5746, 0.4824, 0.4552



2.9710, 0.4735, 0.4623

Inverse Universe

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



26.8401, 0.1976, 0.1723



19.6423, 0.1786, 0.1383



18.0652, 0.2035, 0.1255



18.2405, 0.2979, 0.3117



6.5775, 0.1604, 0.0974



0.8192, 0.1664, 0.1192

Previews

White Background



This preview shows how the Yxy color 66.0907, 0.4351, 0.4422 looks on a white background.

Color Contrast Check

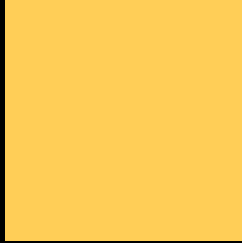
Large Text (above 18pt) WCAG AA × Fail

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 66.0907, 0.4351, 0.4422 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 66.0907, 0.4351, 0.4422

Background



This preview shows how black text looks on a background with the Yxy color 66.0907, 0.4351, 0.4422.



This preview shows how white text looks on a background with the Yxy color 66.0907, 0.4351, 0.4422.

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

66.0907, 0.4351, 0.4422

Protanopia

66.3143, 0.4148, 0.4545

Deuteranopia

65.9264, 0.4130, 0.4093



Tritanopia

65.7960, 0.3501, 0.3168

Trichromacy



Original Color

66.0907, 0.4351, 0.4422

Protanomaly

66.0309, 0.4230, 0.4496

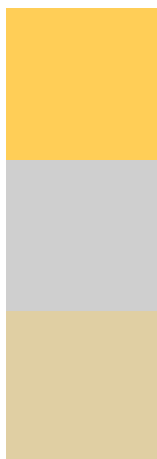
Deuteranomaly

66.0703, 0.4218, 0.4226

Tritanomaly

65.2852, 0.3847, 0.3656

Monochromacy



Original Color

66.0907, 0.4351, 0.4422

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.1173, 0.3584, 0.3792

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0907, 0.4351, 0.4422 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, 206, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 87)  
}
```

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, 206, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 87) }
```

Border

The CSS property to change the border of an element to Yxy 66.0907, 0.4351, 0.4422 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, 206, 87) }
```

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

```
.border{ border-color:rgb(255, 206, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0907, 0.4351, 0.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 87) }
```

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

```
.background{ background-color: rgb(255,  
206, 87) }
```

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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