

Converting Colors

Yxy(67.2023, 0.4170, 0.4198)

Have a look what the booklet for
Yxy(67.2023, 0.4170, 0.4198)
contains.

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Color

Yxy(67.1466, 0.4174, 0.4201)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF74
RGB	255, 207, 116
RGB Percent	100%, 81%, 45%
CMY	0.0000, 0.1883, 0.5450
CMYK	0.00, 0.19, 0.55, 0.00
HSL	39°, 100%, 73%
HSV	39°, 55%, 100%
XYZ	66.7150, 67.1466, 25.9732
YIQ	210.9780, 57.8190, -18.1250

Conversions

Conversions Part 2

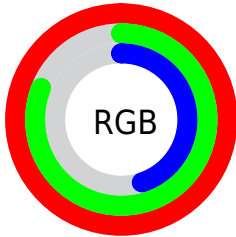
Format	Color
R _Y B	189, 255, 116
Decimal	16764788
CIE Lab	85.58, 6.52, 51.10
CIE LCh	86, 51.512, 82.727
Yxy	67.1466, 0.4174, 0.4201
Android (android.graphics.Color)	4294954868 (0xFFFFCF74)
YUV	210.9780, -46.8242, 38.6073
Hunter-Lab	81.9430, 1.9279, 38.5672

Details

The Yxy color **67.1466, 0.4174, 0.4201** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.4957, 0.2191, 0.2132**, and the grayscale version is **65.4106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **34.7547, 0.4391, 0.4383** is the 20% darker color. If you saturate the color by 10%, you get **62.4797, 0.4389, 0.4329**, and if you desaturate by 10%, it is **72.2087, 0.3956, 0.4047**.

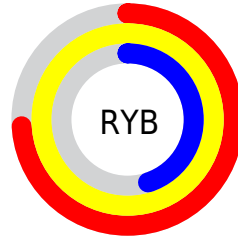
Distribution



Red (100%)

Green (81%)

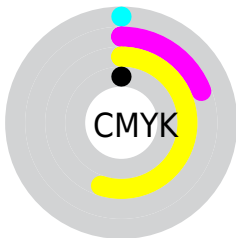
Blue (45%)



Red (74%)

Yellow (100%)

Blue (45%)

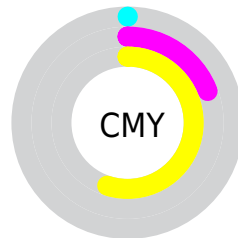


Cyan (0%)

Magenta (19%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1466, 0.4174, 0.4201 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 67.1466, 0.4174, 0.4201 by changing the saturation by 10% instead.


 67.1466, 0.4174,
0.4201

 67.1466, 0.4174,
0.4201

450.4664, 0.3699,
0.3801

 49.2038, 0.4275,
0.4282


 115.1304, 0.4014,
0.4070

 34.7812, 0.4395,
0.4376


 145.9403, 0.3950,
0.4016

 23.4943, 0.4536,
0.4482


 181.8079, 0.3895,
0.3969

 14.9590, 0.4702,
0.4599

223.1176, 0.3846,
0.3928

 8.7906, 0.4894,
0.4721

270.2540, 0.3803,
0.3891

 4.6048, 0.5141,
0.4859

323.6013, 0.3764,

 2.0173, 0.5224,

0.3858

0.4776

383.5440, 0.3730,
0.3828

■ 0.6175, 0.5472,
0.4528

■ 0.0000, 0.0000,
0.0000

■ 67.1466, 0.4174,
0.4201

■ 67.1466, 0.4174,
0.4201

■ 62.4797, 0.4389,
0.4329

■ 72.2087, 0.3956,
0.4047

■ 58.1991, 0.4591,
0.4418

■ 77.6905, 0.3746,
0.3878

■ 54.2822, 0.4769,
0.4460

■ 83.6039, 0.3547,
0.3703

■ 50.7053, 0.4915,
0.4449

■ 89.9624, 0.3363,
0.3530

48.8666, 0.4984,
0.4425

96.7789, 0.3197,
0.3362

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.



67.1466, 0.4396, 0.3763



67.1466, 0.4174, 0.4201



67.1466, 0.3677, 0.4448

Triad

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



67.1466, 0.4174, 0.4201



67.1466, 0.2120, 0.3147



67.1466, 0.3090, 0.2485

Complementary

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



67.1466, 0.4174, 0.4201



37.4957, 0.2191, 0.2132

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.



67.1466, 0.2512, 0.2313



67.1466, 0.4174, 0.4201



67.1466, 0.2000, 0.2626

Square

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



67.1466, 0.4174, 0.4201



67.1466, 0.2494, 0.3807



67.1466, 0.2135, 0.2350



67.1466, 0.3740, 0.2826

Rectangle

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



67.1466, 0.4174, 0.4201



67.1466, 0.3269, 0.4415



67.1466, 0.2135, 0.2350



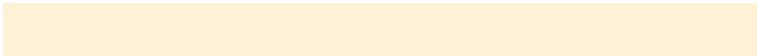
67.1466, 0.2880, 0.2407

Sweetspot

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



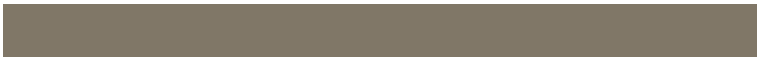
67.1437, 0.4174, 0.4201



88.9805, 0.3390, 0.3555



36.4602, 0.4163, 0.2798



18.7604, 0.3427, 0.3591



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.



67.1437, 0.4174, 0.4201



62.2573, 0.4399, 0.4334



90.2998, 0.3771, 0.4671



19.9723, 0.3278, 0.3445



25.8234, 0.4968, 0.4438



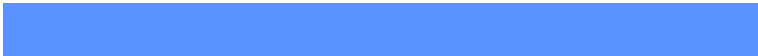
2.7184, 0.4856, 0.4526

Inverse Universe

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



37.4957, 0.2191, 0.2132



30.0700, 0.2018, 0.1864



25.0230, 0.2200, 0.1591



18.4037, 0.2979, 0.3130



7.6764, 0.1641, 0.1106



0.9419, 0.1703, 0.1331

Previews

White Background



This preview shows how the Yxy color 67.1466, 0.4174, 0.4201 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 67.1466, 0.4174, 0.4201 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 67.1466, 0.4174, 0.4201

Background



This preview shows how black text looks on a background with the Yxy color 67.1466, 0.4174, 0.4201.



This preview shows how white text looks on a background with the Yxy color 67.1466, 0.4174, 0.4201.

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

67.1466, 0.4174, 0.4201

Protanopia

67.0872, 0.3954, 0.4304

Deuteranopia

67.2376, 0.4028, 0.3988



Tritanopia

67.3220, 0.3472, 0.3168

Trichromacy



Original Color

67.1466, 0.4174, 0.4201

Protanomaly

66.7738, 0.4033, 0.4262

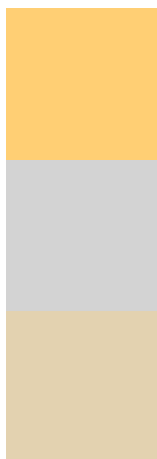
Deuteranomaly

67.0143, 0.4085, 0.4065

Tritanomaly

67.1462, 0.3741, 0.3562

Monochromacy



Original Color

67.1466, 0.4174, 0.4201

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.5587, 0.3504, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1466, 0.4174, 0.4201 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, 207, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 116)  
}
```

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, 207, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 116) }
```

Border

The CSS property to change the border of an element to Yxy 67.1466, 0.4174, 0.4201 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, 207, 116) }
```

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

```
.border{ border-color:rgb(255, 207, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 207, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 207, 116); box-shadow:4px 4px 4px 4px rgb(255, 207, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1466, 0.4174, 0.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 116) }
```

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

```
.background{ background-color: rgb(255,  
207, 116) }
```

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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