

Converting Colors

Yxy(67.4830, 0.4171, 0.4210)

Have a look what the booklet for
Yxy(67.4830, 0.4171, 0.4210)
contains.

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Color

Yxy(67.6327, 0.4168, 0.4210)

Conversions

Conversions Part 1

Format	Color
Hex	FFD074
RGB	255, 208, 116
RGB Percent	100%, 82%, 45%
CMY	0.0000, 0.1843, 0.5450
CMYK	0.00, 0.18, 0.54, 0.00
HSL	40°, 100%, 73%
HSV	40°, 54%, 100%
XYZ	66.9580, 67.6327, 26.0571
YIQ	211.5650, 57.5440, -18.6480

Conversions

Conversions Part 2

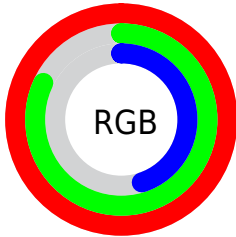
Format	Color
RYB	187, 255, 116
Decimal	16765044
CIELab	85.82, 6.01, 51.39
CIElCh	86, 51.735, 83.334
Yxy	67.6327, 0.4168, 0.4210
Android (android.graphics.Color)	4294955124 (0xFFFFD074)
YUV	211.5650, -47.1135, 38.0925
Hunter-Lab	82.2391, 1.4139, 38.7816

Details

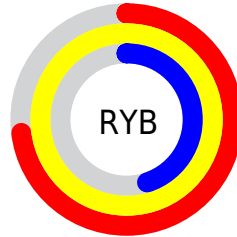
The Yxy color **67.6327, 0.4168, 0.4210** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.1430, 0.2189, 0.2119**, and the grayscale version is **65.8232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **35.0835, 0.4382, 0.4394** is the 20% darker color. If you saturate the color by 10%, you get **63.0236, 0.4380, 0.4339**, and if you desaturate by 10%, it is **72.6284, 0.3953, 0.4055**.

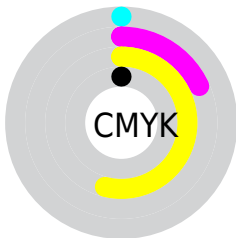
Distribution



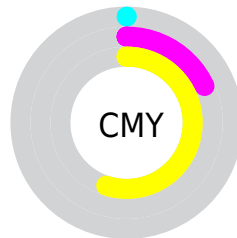
- Red (100%)
- Green (82%)
- Blue (45%)



- Red (73%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6327, 0.4168, 0.4210 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 67.6327, 0.4168, 0.4210 by changing the saturation by 10% instead.


 67.6327, 0.4168,
0.4210


 67.6327, 0.4168,
0.4210


452.1936, 0.3697,
0.3806


 49.5990, 0.4268,
0.4292

 115.8265, 0.4010,
0.4077

 35.0949, 0.4386,
0.4387


 146.7554, 0.3946,
0.4023

 23.7360, 0.4525,
0.4495


 182.7515, 0.3891,
0.3976

 15.1379, 0.4688,
0.4614

224.1992, 0.3843,
0.3934

 8.9162, 0.4876,
0.4738

271.4828, 0.3800,
0.3896

 4.6866, 0.5119,
0.4881

324.9869, 0.3762,

 2.0646, 0.5194,

0.3863

0.4806

385.0956, 0.3728,
0.3833

0.6446, 0.5408,
0.4592

0.0000, 0.0000,
0.0000

67.6327, 0.4168,
0.4210

67.6327, 0.4168,
0.4210

63.0236, 0.4380,
0.4339

72.6284, 0.3953,
0.4055

58.7914, 0.4579,
0.4430

78.0338, 0.3743,
0.3884

54.9139, 0.4754,
0.4473

83.8609, 0.3546,
0.3707

51.3678, 0.4897,
0.4463

90.1230, 0.3363,
0.3532

■ 49.5413, 0.4964,
0.4441

■ 96.8330, 0.3196,
0.3363

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.



67.6327, 0.4398, 0.3773



67.6327, 0.4168, 0.4210



67.6327, 0.3666, 0.4452

Triad

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



67.6327, 0.4168, 0.4210



67.6327, 0.2113, 0.3134



67.6327, 0.3103, 0.2489

Complementary

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



67.6327, 0.4168, 0.4210



37.1430, 0.2189, 0.2119

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.



67.6327, 0.2521, 0.2313



67.6327, 0.4168, 0.4210



67.6327, 0.1998, 0.2617

Square

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



67.6327, 0.4168, 0.4210



67.6327, 0.2483, 0.3795



67.6327, 0.2139, 0.2345



67.6327, 0.3754, 0.2833

Rectangle

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



67.6327, 0.4168, 0.4210



67.6327, 0.3257, 0.4413



67.6327, 0.2139, 0.2345



67.6327, 0.2892, 0.2410

Sweetspot

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



67.6302, 0.4168, 0.4210



89.1539, 0.3389, 0.3558



36.4626, 0.4162, 0.2798



18.8019, 0.3426, 0.3594



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.



67.6302, 0.4168, 0.4210



62.8022, 0.4390, 0.4345



90.3003, 0.3771, 0.4671



19.9950, 0.3278, 0.3447



26.1739, 0.4948, 0.4453



2.7508, 0.4840, 0.4539

Inverse Universe

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



37.1430, 0.2189, 0.2119



29.7036, 0.2014, 0.1848



25.0259, 0.2200, 0.1592



18.3819, 0.2979, 0.3128



7.5178, 0.1636, 0.1088



0.9246, 0.1698, 0.1311

Previews

White Background



This preview shows how the Yxy color 67.6327, 0.4168, 0.4210 looks on a white background.

Color Contrast Check

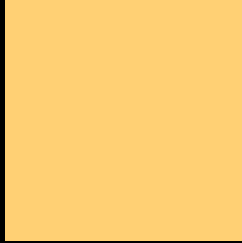
Large Text (above 18pt) WCAG AA × Fail

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 67.6327, 0.4168, 0.4210 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 67.6327, 0.4168, 0.4210

Background



This preview shows how black text looks on a background with the Yxy color 67.6327, 0.4168, 0.4210.



This preview shows how white text looks on a background with the Yxy color 67.6327, 0.4168, 0.4210.

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

67.6327, 0.4168, 0.4210

Protanopia

67.7418, 0.3963, 0.4319

Deuteranopia

67.8087, 0.4001, 0.3969



Tritanopia

67.3726, 0.3464, 0.3158

Trichromacy



Original Color

67.6327, 0.4168, 0.4210

Protanomaly

67.4260, 0.4042, 0.4278

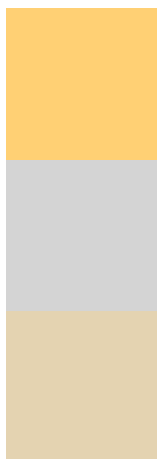
Deuteranomaly

67.5516, 0.4065, 0.4055

Tritanomaly

67.1862, 0.3734, 0.3551

Monochromacy



Original Color

67.6327, 0.4168, 0.4210

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2568, 0.3502, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6327, 0.4168, 0.4210 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, 208, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 116) }
```

Border

The CSS property to change the border of an element to Yxy 67.6327, 0.4168, 0.4210 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, 208, 116) }
```

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

```
.border{ border-color:rgb(255, 208, 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, 208, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6327, 0.4168, 0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 116) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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