

Converting Colors

Yxy(69.0608, 0.4076, 0.4122)

Have a look what the booklet for
Yxy(69.0608, 0.4076, 0.4122)
contains.

Yxy(68.9117, 0.4077, 0.4121)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.9117, 0.4077, 0.4121)

Conversions

Conversions Part 1

Format	Color
Hex	FFD280
RGB	255, 210, 128
RGB Percent	100%, 82%, 50%
CMY	0.0001, 0.1764, 0.4980
CMYK	0.00, 0.18, 0.50, 0.00
HSL	39°, 100%, 75%
HSV	39°, 50%, 100%
XYZ	68.1759, 68.9117, 30.1332
YIQ	214.1070, 53.1420, -15.9620

Conversions

Conversions Part 2

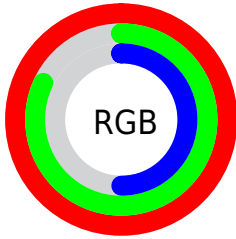
Format	Color
RYB	198, 255, 128
Decimal	16765568
CIELab	86.46, 5.94, 46.32
CIElCh	86, 46.701, 82.696
Yxy	68.9117, 0.4077, 0.4121
Android (android.graphics.Color)	4294955648 (0xFFFFD280)
YUV	214.1070, -42.4508, 35.8632
Hunter-Lab	83.0131, 1.3234, 36.5873

Details

The Yxy color **68.9117, 0.4077, 0.4121** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.6829, 0.2277, 0.2265**, and the grayscale version is **67.5865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **36.0485, 0.4279, 0.4285** is the 20% darker color. If you saturate the color by 10%, you get **63.9921, 0.4297, 0.4261**, and if you desaturate by 10%, it is **74.2580, 0.3859, 0.3960**.

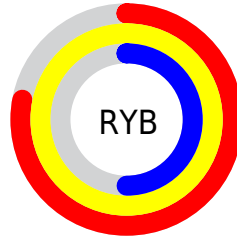
Distribution



Red (100%)

Green (82%)

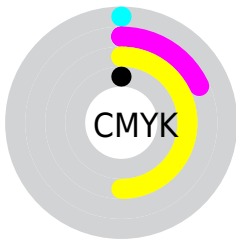
Blue (50%)



Red (78%)

Yellow (100%)

Blue (50%)

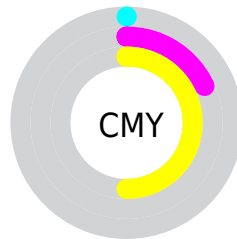


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9117, 0.4077, 0.4121 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 68.9117, 0.4077, 0.4121 by changing the saturation by 10% instead.


 68.9117, 0.4077,
0.4121


 68.9117, 0.4077,
0.4121


456.7195, 0.3644,
0.3753


 50.6398, 0.4171,
0.4198


 117.6554, 0.3930,
0.3999

 35.9220, 0.4282,
0.4287

 148.8961, 0.3872,
0.3949

 24.3740, 0.4417,
0.4392


 185.2284, 0.3822,
0.3906

 15.6113, 0.4579,
0.4512

227.0369, 0.3777,
0.3868

 9.2495, 0.4770,
0.4643

274.7058, 0.3738,
0.3834

 4.9043, 0.5112,
0.4888

328.6196, 0.3703,

 2.1912, 0.5185,

0.3804

0.4815

389.1627, 0.3672,
0.3777

0.7152, 0.5356,
0.4644

0.0000, 0.0000,
0.0000

68.9117, 0.4077,
0.4121

68.9117, 0.4077,
0.4121

63.9921, 0.4297,
0.4261

74.2580, 0.3859,
0.3960

59.4725, 0.4511,
0.4368

80.0369, 0.3652,
0.3790

55.3371, 0.4705,
0.4432

86.2659, 0.3459,
0.3617

51.5642, 0.4872,
0.4443

92.9586, 0.3283,
0.3448

■ 48.1211, 0.5006, 99.9948, 0.3127,
0.4406 0.3290

■ 48.0529, 0.5008,
0.4405

Harmonies

Analogous

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



68.9117, 0.4271, 0.3729



68.9117, 0.4077, 0.4121



68.9117, 0.3632, 0.4330

Triad

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



68.9117, 0.4077, 0.4121



68.9117, 0.2214, 0.3169



68.9117, 0.3096, 0.2557

Complementary

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



68.9117, 0.4077, 0.4121



41.6829, 0.2277, 0.2265

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.



68.9117, 0.2572, 0.2400



68.9117, 0.4077, 0.4121



68.9117, 0.2101, 0.2696

Square

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



68.9117, 0.4077, 0.4121



68.9117, 0.2558, 0.3753



68.9117, 0.2225, 0.2438



68.9117, 0.3679, 0.2870

Rectangle

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



68.9117, 0.4077, 0.4121



68.9117, 0.3263, 0.4292



68.9117, 0.2225, 0.2438



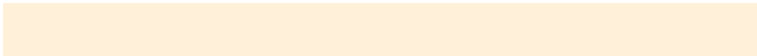
68.9117, 0.2907, 0.2485

Sweetspot

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



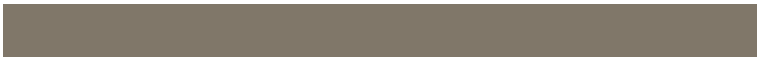
68.9150, 0.4077, 0.4121



89.4377, 0.3372, 0.3535



39.7741, 0.4005, 0.2812



18.8440, 0.3410, 0.3571



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.



68.9150, 0.4077, 0.4121



63.9106, 0.4302, 0.4263



91.2461, 0.3741, 0.4556



19.9448, 0.3278, 0.3443



25.4066, 0.4991, 0.4419



2.6797, 0.4876, 0.4510

Inverse Universe

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



41.6829, 0.2277, 0.2265



33.8808, 0.2102, 0.2009



28.6738, 0.2279, 0.1746



18.4300, 0.2979, 0.3132



7.8731, 0.1647, 0.1130



0.9633, 0.1710, 0.1354

Previews

White Background



This preview shows how the Yxy color 68.9117, 0.4077, 0.4121 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 68.9117, 0.4077, 0.4121 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 68.9117, 0.4077, 0.4121

Background



This preview shows how black text looks on a background with the Yxy color 68.9117, 0.4077, 0.4121.



This preview shows how white text looks on a background with the Yxy color 68.9117, 0.4077, 0.4121.

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

68.9117, 0.4077, 0.4121

Protanopia

69.2419, 0.3885, 0.4219

Deuteranopia

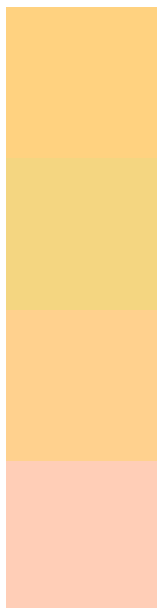
69.0629, 0.3926, 0.3899



Tritanopia

68.8782, 0.3444, 0.3169

Trichromacy



Original Color

68.9117, 0.4077, 0.4121

Protanomaly

68.9112, 0.3962, 0.4180

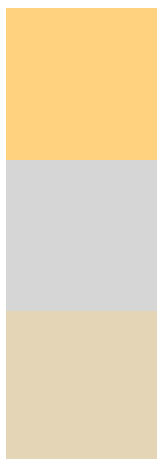
Deuteranomaly

68.8139, 0.3984, 0.3978

Tritanomaly

68.8215, 0.3686, 0.3530

Monochromacy



Original Color

68.9117, 0.4077, 0.4121

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6654, 0.3462, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9117, 0.4077, 0.4121 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, 210, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 128)  
}
```

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, 210, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 128) }
```

Border

The CSS property to change the border of an element to Yxy 68.9117, 0.4077, 0.4121 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, 210, 128) }
```

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

```
.border{ border-color:rgb(255, 210, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 128); box-shadow:4px 4px 4px 4px rgb(255, 210, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9117, 0.4077, 0.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 128) }
```

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

```
.background{ background-color: rgb(255,  
210, 128) }
```

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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