

Converting Colors

$Yxy(69.1804, 0.4131, 0.4211)$

Have a look what the booklet for
Yxy(69.1804, 0.4131, 0.4211)
contains.

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Color

Yxy(69.1804, 0.4131, 0.4211)

Conversions

Conversions Part 1

Format	Color
Hex	FFD377
RGB	255, 211, 119
RGB Percent	100%, 83%, 47%
CMY	0.0000, 0.1725, 0.5332
CMYK	0.00, 0.17, 0.53, 0.00
HSL	41°, 100%, 73%
HSV	41°, 53%, 100%
XYZ	67.8661, 69.1804, 27.2384
YIQ	213.6680, 55.7560, -19.2840

Conversions

Conversions Part 2

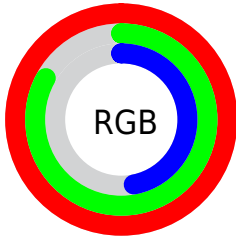
Format	Color
RYB	184, 255, 119
Decimal	16765815
CIELab	86.59, 4.69, 50.87
CIELCh	87, 51.081, 84.737
Yxy	69.1804, 0.4131, 0.4211
Android (android.graphics.Color)	4294955895 (0xFFFFD377)
YUV	213.6680, -46.6713, 36.2482
Hunter-Lab	83.1748, 0.0906, 38.8058

Details

The Yxy color **69.1804, 0.4131, 0.4211** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.3487, 0.2204, 0.2123**, and the grayscale version is **67.3053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7971, 0.3614, 0.4095**, and **36.2550, 0.4343, 0.4394** is the 20% darker color. If you saturate the color by 10%, you get **64.6551, 0.4339, 0.4347**, and if you desaturate by 10%, it is **74.0864, 0.3920, 0.4050**.

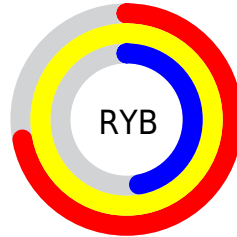
Distribution



Red (100%)

Green (83%)

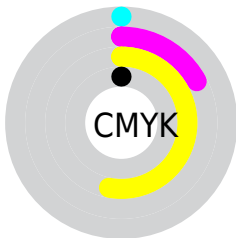
Blue (47%)



Red (72%)

Yellow (100%)

Blue (47%)

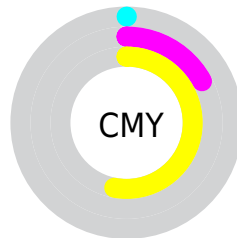


Cyan (0%)

Magenta (17%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1804, 0.4131, 0.4211 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 69.1804, 0.4131, 0.4211 by changing the saturation by 10% instead.


 69.1804, 0.4131,
0.4211

 69.1804, 0.4131,
0.4211

457.6670, 0.3679,
0.3805

 50.8586, 0.4227,
0.4294


 118.0392, 0.3979,
0.4077

 36.0961, 0.4340,
0.4390


 149.3450, 0.3918,
0.4023

 24.5084, 0.4473,
0.4501

 185.7477, 0.3865,
0.3975

 15.7112, 0.4630,
0.4626

227.6315, 0.3819,
0.3933

 9.3200, 0.4807,
0.4757

275.3810, 0.3778,
0.3896

 4.9505, 0.5062,
0.4938

329.3805, 0.3741,

 2.2183, 0.5119,

0.3862

0.4881

390.0143, 0.3708,
0.3832

0.7299, 0.5254,
0.4746

0.0000, 0.0000,
0.0000

69.1804, 0.4131,
0.4211

69.1804, 0.4131,
0.4211

64.6551, 0.4339,
0.4347

74.0864, 0.3920,
0.4050

60.4851, 0.4534,
0.4445

79.3792, 0.3715,
0.3875

56.6545, 0.4705,
0.4497

85.0758, 0.3521,
0.3695

53.1412, 0.4846,
0.4497

91.1890, 0.3342,
0.3517

■ 50.9512, 0.4923,
0.4473

■ 97.7309, 0.3178,
0.3345

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.



69.1804, 0.4370, 0.3789



69.1804, 0.4131, 0.4211



69.1804, 0.3631, 0.4432

Triad

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



69.1804, 0.4131, 0.4211



69.1804, 0.2120, 0.3111



69.1804, 0.3134, 0.2516

Complementary

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



69.1804, 0.4131, 0.4211



37.3487, 0.2204, 0.2123

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.



69.1804, 0.2556, 0.2334



69.1804, 0.4131, 0.4211



69.1804, 0.2019, 0.2613

Square

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



69.1804, 0.4131, 0.4211



69.1804, 0.2473, 0.3755



69.1804, 0.2169, 0.2356



69.1804, 0.3770, 0.2861

Rectangle

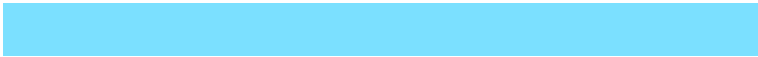
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1804, 0.4131, 0.4211



69.1804, 0.3227, 0.4379



69.1804, 0.2169, 0.2356



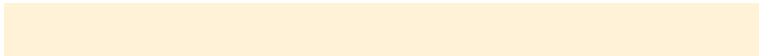
69.1804, 0.2926, 0.2435

Sweetspot

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



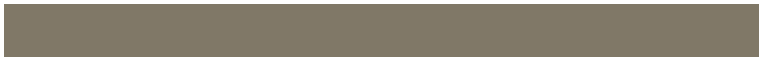
69.1833, 0.4131, 0.4211



89.5094, 0.3388, 0.3564



37.1546, 0.4156, 0.2829



18.8869, 0.3425, 0.3601



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.



69.1833, 0.4131, 0.4211



64.3606, 0.4352, 0.4355



90.0653, 0.3744, 0.4653



20.0416, 0.3277, 0.3450



26.9059, 0.4908, 0.4485



2.8183, 0.4806, 0.4566

Inverse Universe

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



37.3487, 0.2204, 0.2123



29.6161, 0.2023, 0.1843



26.1452, 0.2239, 0.1637



18.3373, 0.2979, 0.3125



7.2052, 0.1625, 0.1050



0.8901, 0.1687, 0.1273

Previews

White Background



This preview shows how the Yxy color 69.1804, 0.4131, 0.4211 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 69.1804, 0.4131, 0.4211 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 69.1804, 0.4131, 0.4211

Background



This preview shows how black text looks on a background with the Yxy color 69.1804, 0.4131, 0.4211.



This preview shows how white text looks on a background with the Yxy color 69.1804, 0.4131, 0.4211.

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

69.1804, 0.4131, 0.4211

Protanopia

69.1833, 0.3950, 0.4302

Deuteranopia

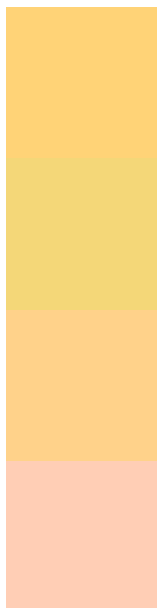
69.0309, 0.3934, 0.3909



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

69.1804, 0.4131, 0.4211

Protanomaly

69.1900, 0.4015, 0.4274

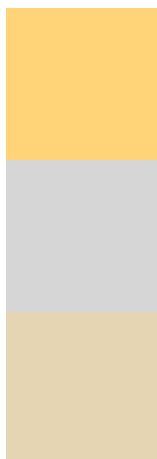
Deuteranomaly

69.1882, 0.4008, 0.4027

Tritanomaly

68.7388, 0.3701, 0.3551

Monochromacy



Original Color

69.1804, 0.4131, 0.4211

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5012, 0.3491, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1804, 0.4131, 0.4211 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, 211, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 119)  
}
```

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, 211, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 119) }
```

Border

The CSS property to change the border of an element to Yxy 69.1804, 0.4131, 0.4211 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, 211, 119) }
```

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

```
.border{ border-color:rgb(255, 211, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1804, 0.4131, 0.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 119) }
```

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

```
.background{ background-color: rgb(255,  
211, 119) }
```

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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