

Converting Colors

$Yxy(68.2163, 0.4269, 0.4383)$

Have a look what the booklet for
Yxy(68.2163, 0.4269, 0.4383)
contains.

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Color

Yxy(68.2163, 0.4269, 0.4383)

Conversions

Conversions Part 1

Format	Color
Hex	FFD261
RGB	255, 210, 97
RGB Percent	100%, 82%, 38%
CMY	0.0000, 0.1764, 0.6195
CMYK	0.00, 0.18, 0.62, 0.00
HSL	43°, 100%, 69%
HSV	43°, 62%, 100%
XYZ	66.4420, 68.2163, 20.9801
YIQ	210.5730, 63.0930, -25.6030

Conversions

Conversions Part 2

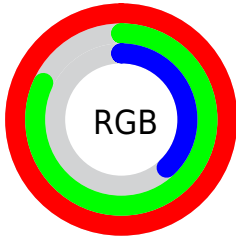
Format	Color
RYB	160, 255, 97
Decimal	16765537
CIELab	86.11, 3.60, 60.54
CIELCh	86, 60.650, 86.596
Yxy	68.2163, 0.4269, 0.4383
Android (android.graphics.Color)	4294955617 (0xFFFFD261)
YUV	210.5730, -55.9915, 38.9625
Hunter-Lab	82.5932, -0.9438, 42.7546

Details

The Yxy color **68.2163, 0.4269, 0.4383** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **29.1092, 0.2038, 0.1816**, and the grayscale version is **65.1930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0144, 0.3739, 0.4302**, and **35.5462, 0.4488, 0.4582** is the 20% darker color. If you saturate the color by 10%, you get **64.3133, 0.4450, 0.4494**, and if you desaturate by 10%, it is **72.4414, 0.4074, 0.4236**.

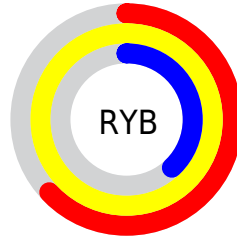
Distribution



Red (100%)

Green (82%)

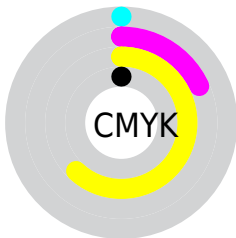
Blue (38%)



Red (63%)

Yellow (100%)

Blue (38%)

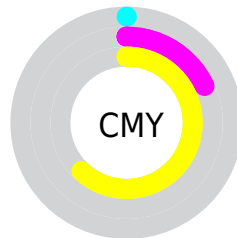


Cyan (0%)

Magenta (18%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2163, 0.4269, 0.4383 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 68.2163, 0.4269, 0.4383 by changing the saturation by 10% instead.


 68.2163, 0.4269,
0.4383

 68.2163, 0.4269,
0.4383

454.2620, 0.3766,
0.3911

 50.0737, 0.4370,
0.4475

 116.6615, 0.4104,
0.4230

 35.4720, 0.4486,
0.4579

 147.7330, 0.4037,
0.4167

 24.0267, 0.4617,
0.4693


 183.8828, 0.3977,
0.4112

 15.3534, 0.4759,
0.4811

 225.4955, 0.3925,
0.4062

 9.0678, 0.4959,
0.4975

272.9553, 0.3878,
0.4018

 4.7854, 0.5020,
0.4980

326.6467, 0.3837,

 2.1219, 0.5066,

0.3979

0.4934

386.9542, 0.3799,
0.3943

■ 0.6769, 0.5193,
0.4807

■ 0.0000, 0.0000,
0.0000

■ 68.2163, 0.4269,
0.4383

■ 68.2163, 0.4269,
0.4383

■ 64.3133, 0.4450,
0.4494

■ 72.4414, 0.4074,
0.4236

■ 60.7051, 0.4609,
0.4560


■ 76.9939, 0.3874,
0.4065

■ 57.3745, 0.4737,
0.4575

■ 81.8912, 0.3678,
0.3880

■ 54.8709, 0.4819,
0.4556

■ 87.1458, 0.3491,
0.3691

 92.7697, 0.3317,
0.3504

 98.7740, 0.3157,
0.3324

99.9977, 0.3127,
0.3290

Harmonies

Analogous

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



68.2163, 0.4592, 0.3880



68.2163, 0.4269, 0.4383



68.2163, 0.3659, 0.4660

Triad

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



68.2163, 0.4269, 0.4383



68.2163, 0.1933, 0.3017



68.2163, 0.3174, 0.2409

Complementary

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



68.2163, 0.4269, 0.4383



29.1092, 0.2038, 0.1816

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.



68.2163, 0.2487, 0.2186



68.2163, 0.4269, 0.4383



68.2163, 0.1841, 0.2454

Square

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



68.2163, 0.4269, 0.4383



68.2163, 0.2316, 0.3798



68.2163, 0.2029, 0.2188



68.2163, 0.3934, 0.2812

Rectangle

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



68.2163, 0.4269, 0.4383



68.2163, 0.3182, 0.4594



68.2163, 0.2029, 0.2188



68.2163, 0.2926, 0.2312

Sweetspot

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



68.2196, 0.4269, 0.4383



88.7747, 0.3438, 0.3635



31.8383, 0.4498, 0.2831



18.6651, 0.3490, 0.3689



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.



68.2196, 0.4269, 0.4383



63.5562, 0.4485, 0.4511



88.1268, 0.3776, 0.4860



20.1652, 0.3276, 0.3459



28.9416, 0.4806, 0.4566



3.0044, 0.4720, 0.4635

Inverse Universe

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



29.1092, 0.2038, 0.1816



21.8288, 0.1849, 0.1492



20.4108, 0.2107, 0.1373



18.2199, 0.2979, 0.3115



6.4536, 0.1600, 0.0958



0.8049, 0.1660, 0.1175

Previews

White Background



This preview shows how the Yxy color 68.2163, 0.4269, 0.4383 looks on a white background.

Color Contrast Check

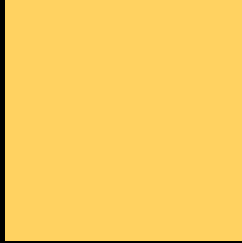
Large Text (above 18pt) WCAG AA × Fail

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 68.2163, 0.4269, 0.4383 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 68.2163, 0.4269, 0.4383

Background



This preview shows how black text looks on a background with the Yxy color 68.2163, 0.4269, 0.4383.

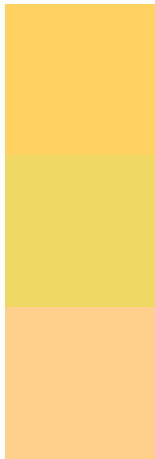


This preview shows how white text looks on a background with the Yxy color 68.2163, 0.4269, 0.4383.

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

68.2163, 0.4269, 0.4383

Protanopia

68.3633, 0.4093, 0.4483

Deuteranopia

68.2652, 0.4004, 0.3988



Tritanopia

68.3052, 0.3461, 0.3179

Trichromacy



Original Color

68.2163, 0.4269, 0.4383

Protanomaly

68.3875, 0.4158, 0.4450

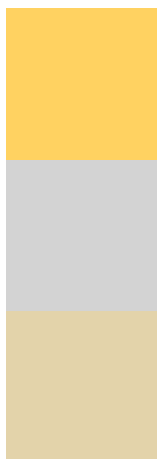
Deuteranomaly

68.3162, 0.4110, 0.4148

Tritanomaly

67.8629, 0.3782, 0.3645

Monochromacy



Original Color

68.2163, 0.4269, 0.4383

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8217, 0.3546, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2163, 0.4269, 0.4383 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 97) }
```

Border

The CSS property to change the border of an element to Yxy 68.2163, 0.4269, 0.4383 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, 97) }
```

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

```
.border{ border-color:rgb(255, 210, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2163, 0.4269, 0.4383 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, 97) }
```

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

```
.background{ background-color: rgb(255,  
210, 97) }
```

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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