

Converting Colors

Yxy(61.5247, 0.4411, 0.4483)

Have a look what the booklet for
Yxy(61.5247, 0.4411, 0.4483)
contains.

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Color

Yxy(61.2977, 0.4413, 0.4481)

Conversions

Conversions Part 1

Format	Color
Hex	F8C74A
RGB	248, 199, 74
RGB Percent	97%, 78%, 29%
CMY	0.0275, 0.2196, 0.7098
CMYK	0.00, 0.20, 0.70, 0.03
HSL	43°, 93%, 63%
HSV	43°, 70%, 97%
XYZ	60.3675, 61.2977, 15.1295
YIQ	199.4010, 69.3290, -28.4870

Conversions

Conversions Part 2

Format	Color
RYB	142, 248, 74
Decimal	16303946
CIELab	82.54, 5.06, 66.30
CIELCh	83, 66.497, 85.639
Yxy	61.2977, 0.4413, 0.4481
Android (android.graphics.Color)	4294494026 (0xFFFF8C74A)
YUV	199.4010, -61.8227, 42.6213
Hunter-Lab	78.2928, 0.6195, 43.3477

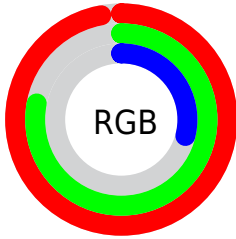
Details

The Yxy color **61.2977, 0.4413, 0.4481** is a light color, and the websafe version is hex **FFCC66**.

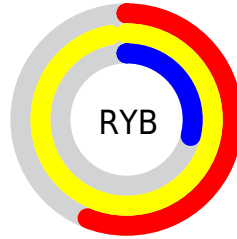
The color can be described as light washed yellow. A complement of this color would be **22.3946, 0.1905, 0.1589**, and the grayscale version is **57.7281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3650, 0.3855, 0.4493**, and **30.9509, 0.4659, 0.4668** is the 20% darker color. If you saturate the color by 10%, you get **57.8903, 0.4575, 0.4556**, and if you desaturate by 10%, it is **64.9901, 0.4230, 0.4362**.

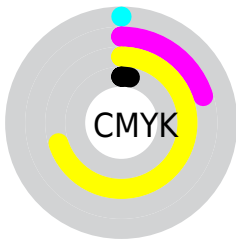
Distribution



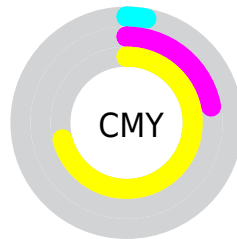
- Red (97%)
- Green (78%)
- Blue (29%)



- Red (56%)
- Yellow (97%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (70%)
- Black (3%)



- Cyan (3%)
- Magenta (22%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2977, 0.4413, 0.4481 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 61.2977, 0.4413, 0.4481 by changing the saturation by 10% instead.

 61.2977, 0.4413,
0.4481


 61.2977, 0.4413,
0.4481


429.3647, 0.3846,
0.3972


 44.4655, 0.4523,
0.4575


 106.7099, 0.4229,
0.4320


 31.0366, 0.4647,
0.4676


 136.0586, 0.4154,
0.4253


 20.6267, 0.4780,
0.4780


 170.3483, 0.4087,
0.4192

 12.8514, 0.4928,
0.4885

 209.9633, 0.4027,
0.4138

 7.3263, 0.5052,
0.4948

 255.2880, 0.3975,
0.4090

 3.6670, 0.5098,
0.4902

306.7069, 0.3927,

 1.4891, 0.5175,

0.4047

0.4825

364.6044, 0.3885,
0.4008

■ 0.2810, 0.5815,
0.4185

■ 0.0000, 0.0000,
0.0000

■ 61.2977, 0.4413,
0.4481

■ 61.2977, 0.4413,
0.4481

■ 57.8903, 0.4575,
0.4556

■ 64.9901, 0.4230,
0.4362


■ 54.7405, 0.4707,
0.4582

■ 68.9743, 0.4035,
0.4210


■ 51.8656, 0.4809,
0.4563

■ 73.2672, 0.3836,
0.4035


■ 77.8815, 0.3643,
0.3848

 82.8289, 0.3458,
0.3658

 88.1202, 0.3287,
0.3472

 93.7657, 0.3129,
0.3293

 98.6034, 0.3084,
0.3289

 98.6939, 0.3084,
0.3290

Harmonies

Analogous

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



61.2977, 0.4781, 0.3902



61.2977, 0.4413, 0.4481



61.2977, 0.3729, 0.4842

Triad

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



61.2977, 0.4413, 0.4481



61.2977, 0.1801, 0.2991



61.2977, 0.3146, 0.2299

Complementary

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



61.2977, 0.4413, 0.4481



22.3946, 0.1905, 0.1589

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.



61.2977, 0.2384, 0.2061



61.2977, 0.4413, 0.4481



61.2977, 0.1698, 0.2357

Square

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



61.2977, 0.4413, 0.4481



61.2977, 0.2226, 0.3898



61.2977, 0.1893, 0.2065



61.2977, 0.4015, 0.2734

Rectangle

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



61.2977, 0.4413, 0.4481



61.2977, 0.3196, 0.4801



61.2977, 0.1893, 0.2065



61.2977, 0.2868, 0.2195

Sweetspot

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



61.3007, 0.4413, 0.4481



87.7747, 0.3474, 0.3675



26.2904, 0.4833, 0.2839



18.4695, 0.3524, 0.3727



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.



61.3007, 0.4413, 0.4481



60.3159, 0.4631, 0.4573



81.3651, 0.3799, 0.5030



19.3164, 0.3276, 0.3460



28.2710, 0.4797, 0.4573



2.7978, 0.4708, 0.4644

Inverse Universe

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



22.3946, 0.1905, 0.1589



17.0136, 0.1721, 0.1239



15.1007, 0.1980, 0.1149



17.4385, 0.2979, 0.3114



6.2182, 0.1598, 0.0953



0.7471, 0.1661, 0.1180

Previews

White Background



This preview shows how the Yxy color 61.2977, 0.4413, 0.4481 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 61.2977, 0.4413, 0.4481 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 61.2977, 0.4413, 0.4481

Background



This preview shows how black text looks on a background with the Yxy color 61.2977, 0.4413, 0.4481.



This preview shows how white text looks on a background with the Yxy color 61.2977, 0.4413, 0.4481.

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

61.2977, 0.4413, 0.4481

Protanopia

61.4874, 0.4203, 0.4614

Deuteranopia

61.3799, 0.4442, 0.4356



Tritanopia

61.0177, 0.3586, 0.3146

Trichromacy



Original Color

61.2977, 0.4413, 0.4481

Protanomaly

61.2244, 0.4288, 0.4562

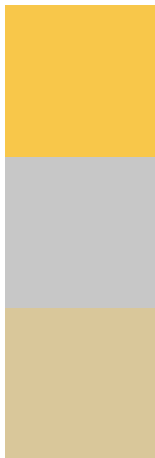
Deuteranomaly

61.2071, 0.4431, 0.4406

Tritanomaly

60.3236, 0.3938, 0.3672

Monochromacy



Original Color

61.2977, 0.4413, 0.4481

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.9317, 0.3618, 0.3820

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2977, 0.4413, 0.4481 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(248, 199, 74)` looks like.

```
.text, #text, p{  
    color:rgb(248, 199, 74)  
}
```

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(248, 199, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 199, 74) }
```

Border

The CSS property to change the border of an element to Yxy 61.2977, 0.4413, 0.4481 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(248, 199, 74) }
```

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

```
.border{ border-color:rgb(248, 199, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 199, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 199, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 199, 74);  
box-shadow:4px 4px 4px 4px rgb(248, 199,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2977, 0.4413, 0.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 199, 74) }
```

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

```
.background{ background-color: rgb(248,  
199, 74) }
```

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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