

Converting Colors

$Yxy(66.9672, 0.4203, 0.4477)$

Have a look what the booklet for
Yxy(66.9672, 0.4203, 0.4477)
contains.

Yxy(67.2722, 0.4204, 0.4479)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.2722, 0.4204, 0.4479)

Conversions

Conversions Part 1

Format	Color
Hex	F5D45C
RGB	245, 212, 92
RGB Percent	96%, 83%, 36%
CMY	0.0391, 0.1687, 0.6392
CMYK	0.00, 0.13, 0.62, 0.04
HSL	47°, 88%, 66%
HSV	47°, 62%, 96%
XYZ	63.1418, 67.2722, 19.7806
YIQ	208.1870, 58.1880, -30.3240

Conversions

Conversions Part 2

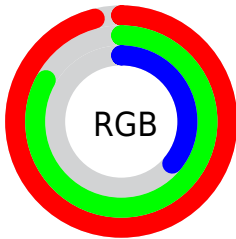
Format	Color
RYB	134, 245, 92
Decimal	16110684
CIELab	85.64, -1.83, 61.97
CIELCh	86, 61.998, 91.692
Yxy	67.2722, 0.4204, 0.4479
Android (android.graphics.Color)	4294300764 (0xFFFF5D45C)
YUV	208.1870, -57.2802, 32.2850
Hunter-Lab	82.0196, -6.1182, 43.1148

Details

The Yxy color **67.2722, 0.4204, 0.4479** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **23.5489, 0.1999, 0.1667**, and the grayscale version is **63.5589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8553, 0.3766, 0.4347**, and **34.8954, 0.4391, 0.4707** is the 20% darker color. If you saturate the color by 10%, you get **64.3117, 0.4358, 0.4599**, and if you desaturate by 10%, it is **70.4644, 0.4033, 0.4323**.

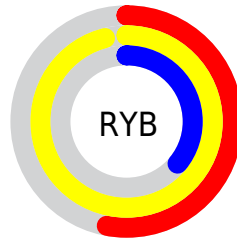
Distribution



Red (96%)

Green (83%)

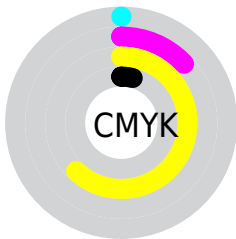
Blue (36%)



Red (53%)

Yellow (96%)

Blue (36%)

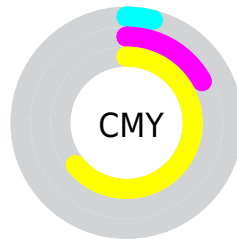


Cyan (0%)

Magenta (13%)

Yellow (62%)

Black (4%)



Cyan (4%)

Magenta (17%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2722, 0.4204, 0.4479 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 67.2722, 0.4204, 0.4479 by changing the saturation by 10% instead.


 67.2722, 0.4204,
0.4479


 67.2722, 0.4204,
0.4479


450.9131, 0.3735,
0.3956


 49.3059, 0.4296,
0.4583


 115.3104, 0.4052,
0.4308

 34.8622, 0.4400,
0.4702


 146.1510, 0.3989,
0.4238

 23.5567, 0.4514,
0.4835


 182.0518, 0.3934,
0.4176

 15.0051, 0.4632,
0.4976

 223.3973, 0.3885,
0.4122

 8.8230, 0.4811,
0.5189

270.5717, 0.3841,
0.4073

 4.6259, 0.4796,
0.5204

323.9596, 0.3802,

 2.0295, 0.4772,

0.4030

383.9452, 0.3767,
0.3991

0.5228

0.6245, 0.4678,
0.5322

0.0000, 0.0000,
0.0000

67.2722, 0.4204,
0.4479

67.2722, 0.4204,
0.4479

64.3117, 0.4358,
0.4599

70.4644, 0.4033,
0.4323

61.5584, 0.4487,
0.4674

73.8915, 0.3852,
0.4140

58.9981, 0.4586,
0.4701

77.5682, 0.3670,
0.3942

57.1744, 0.4644,
0.4695

81.5052, 0.3492,
0.3737

85.7122, 0.3322,
0.3534

90.1984, 0.3164,
0.3337

94.4109, 0.3067,
0.3232

97.7288, 0.3066,
0.3283

98.1597, 0.3066,
0.3290

Harmonies

Analogous

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



67.2722, 0.4601, 0.3984



67.2722, 0.4204, 0.4479



67.2722, 0.3546, 0.4704

Triad

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



67.2722, 0.4204, 0.4479



67.2722, 0.1868, 0.2888



67.2722, 0.3309, 0.2448

Complementary

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



67.2722, 0.4204, 0.4479



23.5489, 0.1999, 0.1667

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.



67.2722, 0.2575, 0.2185



67.2722, 0.4204, 0.4479



67.2722, 0.1825, 0.2365

Square

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



67.2722, 0.4204, 0.4479



67.2722, 0.2207, 0.3670



67.2722, 0.2064, 0.2145



67.2722, 0.4075, 0.2883

Rectangle

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



67.2722, 0.4204, 0.4479



67.2722, 0.3055, 0.4575



67.2722, 0.2064, 0.2145



67.2722, 0.3048, 0.2338

Sweetspot

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



67.2754, 0.4204, 0.4479



90.7684, 0.3433, 0.3667



28.5582, 0.4692, 0.2964



19.1512, 0.3482, 0.3726



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.



67.2754, 0.4204, 0.4479



69.5694, 0.4395, 0.4624



78.6136, 0.3687, 0.4923



18.6707, 0.3274, 0.3474



31.0011, 0.4635, 0.4702



2.8720, 0.4568, 0.4755

Inverse Universe

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



23.5489, 0.1999, 0.1667



18.4147, 0.1795, 0.1311



19.4296, 0.2195, 0.1404



16.5067, 0.2979, 0.3099



5.0825, 0.1562, 0.0823



0.5915, 0.1623, 0.1044

Previews

White Background



This preview shows how the Yxy color 67.2722, 0.4204, 0.4479 looks on a white background.

Color Contrast Check

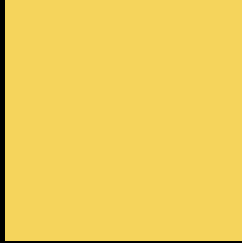
Large Text (above 18pt) WCAG AA × Fail

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 67.2722, 0.4204, 0.4479 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 67.2722, 0.4204, 0.4479

Background



This preview shows how black text looks on a background with the Yxy color 67.2722, 0.4204, 0.4479.



This preview shows how white text looks on a background with the Yxy color 67.2722, 0.4204, 0.4479.

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

67.2722, 0.4204, 0.4479

Protanopia

67.0606, 0.4129, 0.4519

Deuteranopia

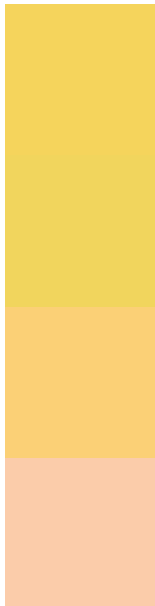
67.0961, 0.4064, 0.4037



Tritanopia

67.0131, 0.3450, 0.3128

Trichromacy



Original Color

67.2722, 0.4204, 0.4479

Protanomaly

67.0796, 0.4160, 0.4497

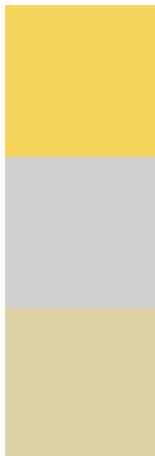
Deuteranomaly

66.9290, 0.4123, 0.4206

Tritanomaly

66.5972, 0.3761, 0.3649

Monochromacy



Original Color

67.2722, 0.4204, 0.4479

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.7263, 0.3532, 0.3783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2722, 0.4204, 0.4479 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(245, 212, 92)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 92)  
}
```

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(245, 212, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 92) }
```

Border

The CSS property to change the border of an element to Yxy 67.2722, 0.4204, 0.4479 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(245, 212, 92) }
```

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

```
.border{ border-color:rgb(245, 212, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 212, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 92);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2722, 0.4204, 0.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 92) }
```

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

```
.background{ background-color: rgb(245,  
212, 92) }
```

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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