

Converting Colors

Yxy(57.3239, 0.4442, 0.4471)

Have a look what the booklet for
Yxy(57.3239, 0.4442, 0.4471)
contains.

Yxy(57.1962, 0.4448, 0.4470)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.1962, 0.4448, 0.4470)

Conversions

Conversions Part 1

Format	Color
Hex	F3C046
RGB	243, 192, 70
RGB Percent	95%, 75%, 27%
CMY	0.0471, 0.2470, 0.7252
CMYK	0.00, 0.21, 0.71, 0.05
HSL	42°, 88%, 61%
HSV	42°, 71%, 95%
XYZ	56.9147, 57.1962, 13.8448
YIQ	193.3410, 69.5580, -27.1300

Conversions

Conversions Part 2

Format	Color
RYB	142, 243, 70
Decimal	15974470
CIELab	80.29, 6.39, 65.45
CIELCh	80, 65.758, 84.420
Yxy	57.1962, 0.4448, 0.4470
Android (android.graphics.Color)	4294164550 (0xFFFF3C046)
YUV	193.3410, -60.8071, 43.5509
Hunter-Lab	75.6282, 1.9826, 42.0858

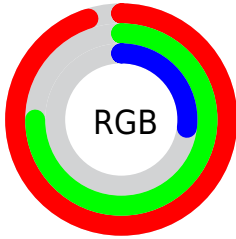
Details

The Yxy color **57.1962, 0.4448, 0.4470** is a light color, and the websafe version is hex **FFCC66**.

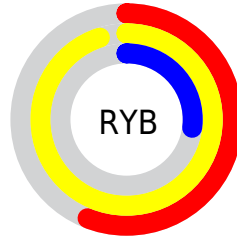
The color can be described as light washed yellow. A complement of this color would be **21.4584, 0.1898, 0.1594**, and the grayscale version is **53.8788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8755, 0.3906, 0.4471**, and **28.5325, 0.4693, 0.4656** is the 20% darker color. If you saturate the color by 10%, you get **53.8818, 0.4613, 0.4539**, and if you desaturate by 10%, it is **60.7933, 0.4261, 0.4357**.

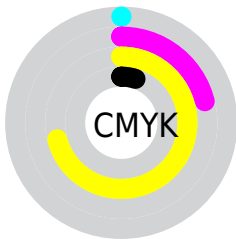
Distribution



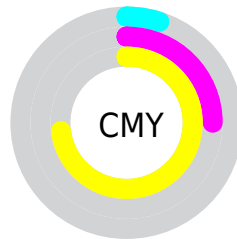
- Red (95%)
- Green (75%)
- Blue (27%)



- Red (56%)
- Yellow (95%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (71%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1962, 0.4448, 0.4470 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 57.1962, 0.4448, 0.4470 by changing the saturation by 10% instead.


 57.1962, 0.4448,
0.4470


 57.1962, 0.4448,
0.4470


414.1841, 0.3858,
0.3964


 41.1628, 0.4564,
0.4563


 100.7514, 0.4256,
0.4310


 28.4463, 0.4694,
0.4662


 129.0420, 0.4176,
0.4243


 18.6624, 0.4835,
0.4760


 162.1871, 0.4107,
0.4183

 11.4266, 0.5007,
0.4873

 200.5711, 0.4045,
0.4129

 6.3545, 0.5110,
0.4890

 244.5784, 0.3990,
0.4081

 3.0618, 0.5173,
0.4827

294.5934, 0.3941,

 1.1641, 0.5284,

0.4038

351.0005, 0.3898,
0.3999

0.4716

0.0321, 0.8533,
0.1467

0.0000, 0.0000,
0.0000

57.1962, 0.4448,
0.4470

57.1962, 0.4448,
0.4470

53.8818, 0.4613,
0.4539

60.7933, 0.4261,
0.4357

50.8237, 0.4748,
0.4557


64.6803, 0.4063,
0.4210


48.3129, 0.4844,
0.4536


68.8736, 0.3861,
0.4040

73.3856, 0.3664,
0.3857

 78.2279, 0.3477,
0.3670

 83.4110, 0.3304,
0.3486

 88.9451, 0.3145,
0.3310

 94.2158, 0.3055,
0.3234

 97.7917, 0.3053,
0.3290

Harmonies

Analogous

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



57.1962, 0.4804, 0.3880



57.1962, 0.4448, 0.4470



57.1962, 0.3765, 0.4854

Triad

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



57.1962, 0.4448, 0.4470



57.1962, 0.1798, 0.3020



57.1962, 0.3110, 0.2275

Complementary

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



57.1962, 0.4448, 0.4470



21.4584, 0.1898, 0.1594

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.



57.1962, 0.2350, 0.2044



57.1962, 0.4448, 0.4470



57.1962, 0.1682, 0.2365

Square

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



57.1962, 0.4448, 0.4470



57.1962, 0.2240, 0.3943



57.1962, 0.1867, 0.2058



57.1962, 0.3992, 0.2707

Rectangle

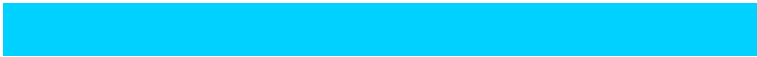
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.1962, 0.4448, 0.4470



57.1962, 0.3228, 0.4832



57.1962, 0.1867, 0.2058



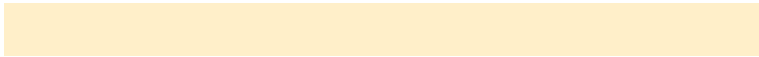
57.1962, 0.2831, 0.2173

Sweetspot

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



57.1990, 0.4448, 0.4470



87.3571, 0.3475, 0.3668



24.8439, 0.4823, 0.2809



18.3695, 0.3526, 0.3720



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.



57.1990, 0.4448, 0.4470



58.7102, 0.4671, 0.4552



78.0020, 0.3824, 0.5032



18.4403, 0.3276, 0.3456



26.7652, 0.4831, 0.4546



2.5301, 0.4732, 0.4625

Inverse Universe

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



21.4584, 0.1898, 0.1594



17.1676, 0.1719, 0.1249



13.8406, 0.1945, 0.1115



16.7227, 0.2980, 0.3118



6.2718, 0.1607, 0.0984



0.7220, 0.1674, 0.1227

Previews

White Background



This preview shows how the Yxy color 57.1962, 0.4448, 0.4470 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 57.1962, 0.4448, 0.4470 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 57.1962, 0.4448, 0.4470

Background



This preview shows how black text looks on a background with the Yxy color 57.1962, 0.4448, 0.4470.



This preview shows how white text looks on a background with the Yxy color 57.1962, 0.4448, 0.4470.

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

57.1962, 0.4448, 0.4470

Protanopia

57.4644, 0.4208, 0.4627

Deuteranopia

56.9899, 0.4518, 0.4408



Tritanopia

57.2330, 0.3637, 0.3144

Trichromacy



Original Color

57.1962, 0.4448, 0.4470

Protanomaly

57.2104, 0.4295, 0.4572

Deuteranomaly

57.0560, 0.4493, 0.4427

Tritanomaly

56.5906, 0.3994, 0.3667

Monochromacy



Original Color

57.1962, 0.4448, 0.4470

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1269, 0.3632, 0.3834

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1962, 0.4448, 0.4470 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(243, 192, 70)` looks like.

```
.text, #text, p{  
    color:rgb(243, 192, 70)  
}
```

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(243, 192, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 192, 70) }
```

Border

The CSS property to change the border of an element to Yxy 57.1962, 0.4448, 0.4470 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(243, 192, 70) }
```

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

```
.border{ border-color:rgb(243, 192, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 192, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 192, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 192, 70);  
box-shadow:4px 4px 4px 4px rgb(243, 192,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1962, 0.4448, 0.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 192, 70) }
```

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

```
.background{ background-color: rgb(243,  
192, 70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor