

Converting Colors

Yxy(57.2144, 0.4484, 0.4575)

Have a look what the booklet for
Yxy(57.2144, 0.4484, 0.4575)
contains.

Yxy(57.1262, 0.4485, 0.4570)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.1262, 0.4485, 0.4570)

Conversions

Conversions Part 1

Format	Color
Hex	F1C138
RGB	241, 193, 56
RGB Percent	95%, 76%, 22%
CMY	0.0548, 0.2431, 0.7804
CMYK	0.00, 0.20, 0.77, 0.05
HSL	44°, 87%, 58%
HSV	44°, 77%, 95%
XYZ	56.0637, 57.1262, 11.8127
YIQ	191.7340, 72.5850, -32.4310

Conversions

Conversions Part 2

Format	Color
RYB	121, 241, 56
Decimal	15843640
CIELab	80.25, 4.45, 70.56
CIELCh	80, 70.702, 86.389
Yxy	57.1262, 0.4485, 0.4570
Android (android.graphics.Color)	4294033720 (0xFFFF1C138)
YUV	191.7340, -66.9169, 43.2063
Hunter-Lab	75.5819, 0.1360, 43.6408

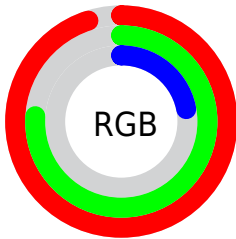
Details

The Yxy color **57.1262, 0.4485, 0.4570** is a light color, and the websafe version is hex **FFCC33**.

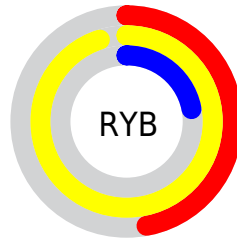
The color can be described as light washed yellow. A complement of this color would be **17.0973, 0.1798, 0.1369**, and the grayscale version is **52.9175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2036, 0.3960, 0.4574**, and **28.4595, 0.4648, 0.4691** is the 20% darker color. If you saturate the color by 10%, you get **54.2398, 0.4619, 0.4617**, and if you desaturate by 10%, it is **60.2486, 0.4324, 0.4475**.

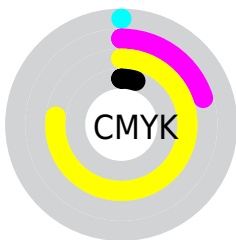
Distribution



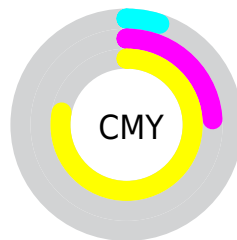
- Red (95%)
- Green (76%)
- Blue (22%)



- Red (47%)
- Yellow (95%)
- Blue (22%)



- Cyan (0%)
- Magenta (20%)
- Yellow (77%)
- Black (5%)




- Cyan (5%)
- Magenta (24%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1262, 0.4485, 0.4570 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 57.1262, 0.4485, 0.4570 by changing the saturation by 10% instead.


 57.1262, 0.4485,
0.4570


 57.1262, 0.4485,
0.4570


413.9220, 0.3891,
0.4026


 41.1066, 0.4596,
0.4666


 100.6493, 0.4295,
0.4401

 28.4024, 0.4717,
0.4767


 128.9216, 0.4216,
0.4329


 18.6292, 0.4841,
0.4863


 162.0468, 0.4146,
0.4264

 11.4026, 0.5009,
0.4991

 200.4095, 0.4083,
0.4206

 6.3383, 0.5039,
0.4961

 244.3940, 0.4027,
0.4154

 3.0519, 0.5084,
0.4916

294.3846, 0.3977,

 1.1589, 0.5162,

0.4107

0.4838

350.7658, 0.3932,
0.4065

■ 0.0277, 0.8296,
0.1704

■ 0.0000, 0.0000,
0.0000

■ 57.1262, 0.4485,
0.4570

■ 57.1262, 0.4485,
0.4570

■ 54.2398, 0.4619,
0.4617

■ 60.2486, 0.4324,
0.4475


■ 51.5612, 0.4722,
0.4616


■ 63.6143, 0.4144,
0.4340


■ 50.7298, 0.4751,
0.4609

■ 67.2399, 0.3954,
0.4174


■ 71.1374, 0.3762,
0.3990

 75.3179, 0.3574,
0.3797

 79.7918, 0.3397,
0.3603

 84.5686, 0.3231,
0.3413

 89.6573, 0.3080,
0.3233

 93.8580, 0.3042,
0.3234

Harmonies

Analogous

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



57.1262, 0.4908, 0.3940



57.1262, 0.4485, 0.4570



57.1262, 0.3737, 0.4980

Triad

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



57.1262, 0.4485, 0.4570



57.1262, 0.1696, 0.2932



57.1262, 0.3166, 0.2237

Complementary

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



57.1262, 0.4485, 0.4570



17.0973, 0.1798, 0.1369

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.



57.1262, 0.2341, 0.1978



57.1262, 0.4485, 0.4570



57.1262, 0.1600, 0.2266

Square

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



57.1262, 0.4485, 0.4570



57.1262, 0.2133, 0.3926



57.1262, 0.1814, 0.1972



57.1262, 0.4114, 0.2702

Rectangle

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



57.1262, 0.4485, 0.4570



57.1262, 0.3164, 0.4942



57.1262, 0.1814, 0.1972



57.1262, 0.2863, 0.2125

Sweetspot

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



57.1290, 0.4485, 0.4570



87.4513, 0.3507, 0.3725



22.5592, 0.5128, 0.2873



18.3320, 0.3573, 0.3796



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.



57.1290, 0.4485, 0.4570



59.9463, 0.4680, 0.4622



75.1907, 0.3797, 0.5152



17.7242, 0.3275, 0.3464



27.7353, 0.4740, 0.4618



2.4671, 0.4652, 0.4688

Inverse Universe

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



17.0973, 0.1798, 0.1369



13.3004, 0.1631, 0.1018



11.8429, 0.1893, 0.0998



15.8956, 0.2980, 0.3110



5.5293, 0.1586, 0.0908



0.6158, 0.1655, 0.1157

Previews

White Background



This preview shows how the Yxy color 57.1262, 0.4485, 0.4570 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 57.1262, 0.4485, 0.4570 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 57.1262, 0.4485, 0.4570

Background



This preview shows how black text looks on a background with the Yxy color 57.1262, 0.4485, 0.4570.



This preview shows how white text looks on a background with the Yxy color 57.1262, 0.4485, 0.4570.

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

57.1262, 0.4485, 0.4570

Protanopia

57.3020, 0.4268, 0.4717

Deuteranopia

57.0247, 0.4585, 0.4478



Tritanopia

56.8616, 0.3620, 0.3143

Trichromacy



Original Color

57.1262, 0.4485, 0.4570

Protanomaly

57.0509, 0.4356, 0.4659

Deuteranomaly

56.8965, 0.4556, 0.4507

Tritanomaly

56.4857, 0.4014, 0.3733

Monochromacy



Original Color

57.1262, 0.4485, 0.4570

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3841, 0.3667, 0.3885

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1262, 0.4485, 0.4570 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(241, 193, 56)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 56)  
}
```

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(241, 193, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 56) }
```

Border

The CSS property to change the border of an element to Yxy 57.1262, 0.4485, 0.4570 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(241, 193, 56) }
```

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

```
.border{ border-color:rgb(241, 193, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 56);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1262, 0.4485, 0.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 56) }
```

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

```
.background{ background-color: rgb(241,  
193, 56) }
```

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