

Converting Colors

$Yxy(58.0934, 0.4369, 0.4292)$

Have a look what the booklet for
Yxy(58.0934, 0.4369, 0.4292)
contains.

Yxy(58.2461, 0.4360, 0.4294)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.2461, 0.4360, 0.4294)

Conversions

Conversions Part 1

Format	Color
Hex	F7C05C
RGB	247, 192, 92
RGB Percent	97%, 75%, 36%
CMY	0.0314, 0.2470, 0.6391
CMYK	0.00, 0.22, 0.63, 0.03
HSL	39°, 91%, 66%
HSV	39°, 63%, 97%
XYZ	59.1414, 58.2461, 18.2579
YIQ	197.0450, 64.8800, -19.4400

Conversions

Conversions Part 2

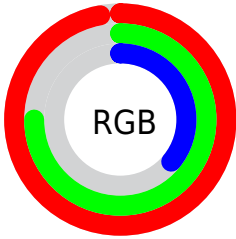
Format	Color
RYB	177, 247, 92
Decimal	16236636
CIELab	80.88, 9.30, 56.74
CIELCh	81, 57.495, 80.696
Yxy	58.2461, 0.4360, 0.4294
Android (android.graphics.Color)	4294426716 (0xFFF7C05C)
YUV	197.0450, -51.7872, 43.8105
Hunter-Lab	76.3191, 4.7651, 39.2394

Details

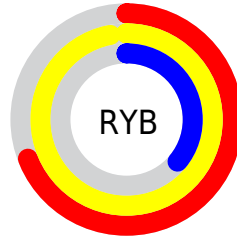
The Yxy color **58.2461, 0.4360, 0.4294** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **29.8707, 0.2060, 0.1945**, and the grayscale version is **56.1565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4391, 0.3799, 0.4299**, and **29.1765, 0.4613, 0.4473** is the 20% darker color. If you saturate the color by 10%, you get **54.1490, 0.4569, 0.4390**, and if you desaturate by 10%, it is **62.7190, 0.4141, 0.4163**.

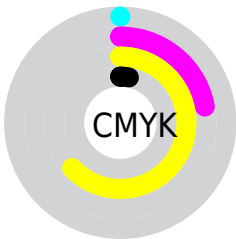
Distribution



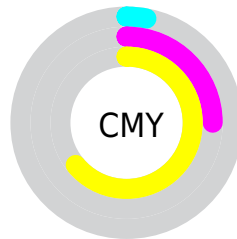
- Red (97%)
- Green (75%)
- Blue (36%)



- Red (69%)
- Yellow (97%)
- Blue (36%)



- Cyan (0%)
- Magenta (22%)
- Yellow (63%)
- Black (3%)




- Cyan (3%)
- Magenta (25%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2461, 0.4360, 0.4294 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 58.2461, 0.4360, 0.4294 by changing the saturation by 10% instead.


 58.2461, 0.4360,
0.4294


 58.2461, 0.4360,
0.4294


418.1023, 0.3794,
0.3857


 42.0065, 0.4479,
0.4378


 102.2812, 0.4170,
0.4153


 29.1064, 0.4618,
0.4471


 130.8454, 0.4094,
0.4095

 19.1613, 0.4778,
0.4570


 164.2867, 0.4027,
0.4043

 11.7869, 0.4956,
0.4664

 202.9894, 0.3969,
0.3997

 6.5987, 0.5210,
0.4790

247.3379, 0.3918,
0.3956

 3.2125, 0.5299,
0.4701

297.7167, 0.3872,

 1.2436, 0.5451,

0.3920

0.4549

354.5100, 0.3831,
0.3887

0.0969, 0.7670,
0.2330

0.0000, 0.0000,
0.0000

58.2461, 0.4360,
0.4294

58.2461, 0.4360,
0.4294

54.1490, 0.4569,
0.4390

62.7190, 0.4141,
0.4163

50.4009, 0.4757,
0.4439


67.5754, 0.3922,
0.4007

46.9834, 0.4914,
0.4435


72.8329, 0.3711,
0.3839


44.6882, 0.5009,
0.4405

78.5051, 0.3514,
0.3666

 84.6049, 0.3333,
0.3496

 91.1443, 0.3169,
0.3333

 97.4781, 0.3078,
0.3274

 98.5148, 0.3078,
0.3290

Harmonies

Analogous

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



58.2461, 0.4607, 0.3772



58.2461, 0.4360, 0.4294



58.2461, 0.3793, 0.4635

Triad

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



58.2461, 0.4360, 0.4294



58.2461, 0.1986, 0.3160



58.2461, 0.3026, 0.2350

Complementary

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



58.2461, 0.4360, 0.4294



29.8707, 0.2060, 0.1945

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.



58.2461, 0.2377, 0.2168



58.2461, 0.4360, 0.4294



58.2461, 0.1837, 0.2542

Square

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



58.2461, 0.4360, 0.4294



58.2461, 0.2424, 0.3952



58.2461, 0.1971, 0.2219



58.2461, 0.3792, 0.2722

Rectangle

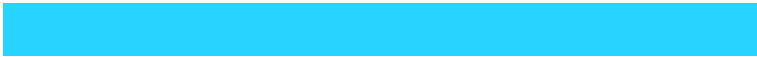
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.2461, 0.4360, 0.4294



58.2461, 0.3324, 0.4638



58.2461, 0.1971, 0.2219



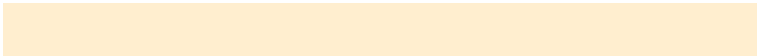
58.2461, 0.2787, 0.2266

Sweetspot

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



58.2489, 0.4360, 0.4294



86.7784, 0.3444, 0.3603



29.6003, 0.4376, 0.2721



18.1798, 0.3498, 0.3652



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.



58.2489, 0.4360, 0.4294



57.2205, 0.4616, 0.4406



83.5210, 0.3855, 0.4830



18.2662, 0.3277, 0.3442



23.9110, 0.4992, 0.4419



2.2948, 0.4865, 0.4519

Inverse Universe

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



29.8707, 0.2060, 0.1945



24.7030, 0.1878, 0.1637



17.8664, 0.2025, 0.1321



16.8890, 0.2980, 0.3133



7.4557, 0.1649, 0.1135



0.8417, 0.1718, 0.1383

Previews

White Background



This preview shows how the Yxy color 58.2461, 0.4360, 0.4294 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 58.2461, 0.4360, 0.4294 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 58.2461, 0.4360, 0.4294

Background



This preview shows how black text looks on a background with the Yxy color 58.2461, 0.4360, 0.4294.



This preview shows how white text looks on a background with the Yxy color 58.2461, 0.4360, 0.4294.

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

58.2461, 0.4360, 0.4294

Protanopia

58.2875, 0.4077, 0.4452

Deuteranopia

58.1740, 0.4384, 0.4277



Tritanopia

58.2479, 0.3651, 0.3146

Trichromacy



Original Color

58.2461, 0.4360, 0.4294

Protanomaly

58.3521, 0.4180, 0.4395

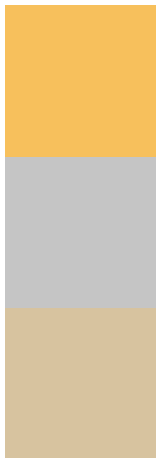
Deuteranomaly

57.9908, 0.4376, 0.4281

Tritanomaly

57.8620, 0.3938, 0.3579

Monochromacy



Original Color

58.2461, 0.4360, 0.4294

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9805, 0.3573, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2461, 0.4360, 0.4294 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(247, 192, 92)` looks like.

```
.text, #text, p{  
    color:rgb(247, 192, 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(247, 192, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 192, 92) }
```

Border

The CSS property to change the border of an element to Yxy 58.2461, 0.4360, 0.4294 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(247, 192, 92) }
```

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

```
.border{ border-color:rgb(247, 192, 92) }
```

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

Here you see how a box with a 4 pixel rgb(247, 192, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 192, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 192, 92);  
box-shadow:4px 4px 4px 4px rgb(247, 192,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2461, 0.4360, 0.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 192, 92) }
```

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

```
.background{ background-color: rgb(247,  
192, 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](#).

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