

Converting Colors

$Yxy(58.7084, 0.4277, 0.4249)$

Have a look what the booklet for
Yxy(58.7084, 0.4277, 0.4249)
contains.

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Color

Yxy(58.9162, 0.4279, 0.4255)

Conversions

Conversions Part 1

Format	Color
Hex	F5C264
RGB	245, 194, 100
RGB Percent	96%, 76%, 39%
CMY	0.0392, 0.2392, 0.6079
CMYK	0.00, 0.21, 0.59, 0.04
HSL	39°, 88%, 68%
HSV	39°, 59%, 96%
XYZ	59.2485, 58.9162, 20.2987
YIQ	198.5330, 60.5700, -18.4220

Conversions

Conversions Part 2

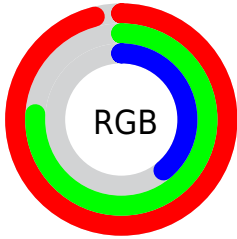
Format	Color
RYB	179, 245, 100
Decimal	16106084
CIELab	81.25, 7.96, 53.41
CIELCh	81, 54.002, 81.526
Yxy	58.9162, 0.4279, 0.4255
Android (android.graphics.Color)	4294296164 (0xFFFF5C264)
YUV	198.5330, -48.5768, 40.7516
Hunter-Lab	76.7569, 3.4593, 38.0503

Details

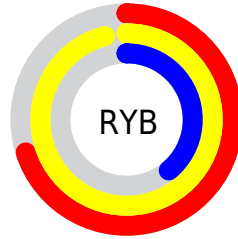
The Yxy color **58.9162, 0.4279, 0.4255** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.4255, 0.2117, 0.2028**, and the grayscale version is **57.0880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9311, 0.3746, 0.4242**, and **29.5774, 0.4517, 0.4443** is the 20% darker color. If you saturate the color by 10%, you get **54.7893, 0.4492, 0.4365**, and if you desaturate by 10%, it is **63.4138, 0.4060, 0.4113**.

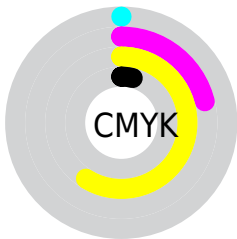
Distribution



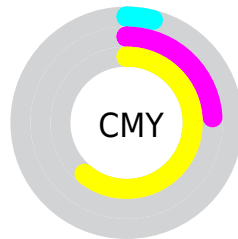
- Red (96%)
- Green (76%)
- Blue (39%)



- Red (70%)
- Yellow (96%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (59%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9162, 0.4279, 0.4255 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 58.9162, 0.4279, 0.4255 by changing the saturation by 10% instead.

 58.9162, 0.4279,
0.4255


 58.9162, 0.4279,
0.4255

420.5913, 0.3748,
0.3829

 42.5457, 0.4392,
0.4340


 103.2559, 0.4099,
0.4116


 29.5288, 0.4526,
0.4436


 131.9938, 0.4028,
0.4059

 19.4812, 0.4682,
0.4542


 165.6229, 0.3966,
0.4008

 12.0185, 0.4861,
0.4650

 204.5277, 0.3911,
0.3964

 6.7563, 0.5149,
0.4828

249.0926, 0.3863,
0.3924

 3.3102, 0.5236,
0.4764

299.7019, 0.3820,

 1.2957, 0.5364,

0.3889

0.4636

356.7400, 0.3782,
0.3857

0.1379, 0.7023,
0.2977

0.0000, 0.0000,
0.0000

58.9162, 0.4279,
0.4255

58.9162, 0.4279,
0.4255

54.7893, 0.4492,
0.4365

63.4138, 0.4060,
0.4113

51.0075, 0.4687,
0.4433


68.2887, 0.3844,
0.3951


47.5542, 0.4854,
0.4449


73.5577, 0.3638,
0.3780


44.4014, 0.4989,
0.4416


79.2338, 0.3447,
0.3607

 44.1581, 0.4999,
0.4413

 85.3293, 0.3272,
0.3438

 91.8555, 0.3115,
0.3277

 97.7163, 0.3066,
0.3283

 98.1533, 0.3066,
0.3290

Harmonies

Analogous

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



58.9162, 0.4515, 0.3769



58.9162, 0.4279, 0.4255



58.9162, 0.3743, 0.4554

Triad

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



58.9162, 0.4279, 0.4255



58.9162, 0.2044, 0.3154



58.9162, 0.3055, 0.2409

Complementary

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



58.9162, 0.4279, 0.4255



31.4255, 0.2117, 0.2028

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.



58.9162, 0.2436, 0.2231



58.9162, 0.4279, 0.4255



58.9162, 0.1908, 0.2579

Square

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



58.9162, 0.4279, 0.4255



58.9162, 0.2455, 0.3887



58.9162, 0.2042, 0.2276



58.9162, 0.3769, 0.2767

Rectangle

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



58.9162, 0.4279, 0.4255



58.9162, 0.3301, 0.4539



58.9162, 0.2042, 0.2276



58.9162, 0.2828, 0.2327

Sweetspot

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



58.9191, 0.4279, 0.4255



87.5192, 0.3426, 0.3587



30.8278, 0.4267, 0.2742



18.3314, 0.3479, 0.3637



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.



58.9191, 0.4279, 0.4255



59.1616, 0.4532, 0.4382



82.3423, 0.3827, 0.4759



18.2756, 0.3277, 0.3443



24.0578, 0.4983, 0.4426



2.3070, 0.4858, 0.4525

Inverse Universe

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



31.4255, 0.2117, 0.2028



26.7406, 0.1931, 0.1727



19.6464, 0.2094, 0.1434



16.8799, 0.2980, 0.3132



7.3850, 0.1646, 0.1126



0.8348, 0.1715, 0.1375

Previews

White Background



This preview shows how the Yxy color 58.9162, 0.4279, 0.4255 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 58.9162, 0.4279, 0.4255 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 58.9162, 0.4279, 0.4255

Background



This preview shows how black text looks on a background with the Yxy color 58.9162, 0.4279, 0.4255.



This preview shows how white text looks on a background with the Yxy color 58.9162, 0.4279, 0.4255.

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

58.9162, 0.4279, 0.4255

Protanopia

58.9083, 0.4022, 0.4387

Deuteranopia

58.7591, 0.4326, 0.4221



Tritanopia

58.7808, 0.3612, 0.3145

Trichromacy



Original Color

58.9162, 0.4279, 0.4255

Protanomaly

58.7951, 0.4115, 0.4337

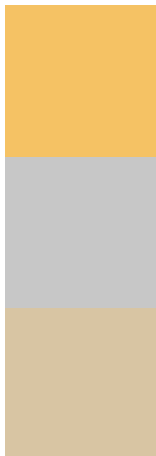
Deuteranomaly

59.0165, 0.4311, 0.4234

Tritanomaly

58.4733, 0.3878, 0.3559

Monochromacy



Original Color

58.9162, 0.4279, 0.4255

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1758, 0.3545, 0.3692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9162, 0.4279, 0.4255 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, 194, 100)` looks like.

```
.text, #text, p{  
    color:rgb(245, 194, 100)  
}
```

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, 194, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 194, 100) }
```

Border

The CSS property to change the border of an element to Yxy 58.9162, 0.4279, 0.4255 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, 194, 100) }
```

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

```
.border{ border-color:rgb(245, 194, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 194, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 194, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 194, 100);  
box-shadow:4px 4px 4px 4px rgb(245, 194,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9162, 0.4279, 0.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 194, 100) }
```

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

```
.background{ background-color: rgb(245,  
194, 100) }
```

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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