

Converting Colors

$Y_{xy}(57.0202, 0.4296, 0.4591)$

Have a look what the booklet for
Yxy(57.0202, 0.4296, 0.4591)
contains.

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Color

Yxy(57.0202, 0.4296, 0.4591)

Conversions

Conversions Part 1

Format	Color
Hex	E5C545
RGB	229, 197, 69
RGB Percent	90%, 77%, 27%
CMY	0.1019, 0.2274, 0.7294
CMYK	0.00, 0.14, 0.70, 0.10
HSL	48°, 75%, 58%
HSV	48°, 70%, 90%
XYZ	53.3563, 57.0202, 13.8235
YIQ	191.9760, 60.1600, -33.0240

Conversions

Conversions Part 2

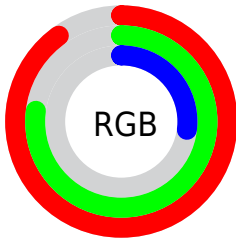
Format	Color
RYB	109, 229, 69
Decimal	15058245
CIELab	80.19, -2.15, 65.33
CIELCh	80, 65.363, 91.887
Yxy	57.0202, 0.4296, 0.4591
Android (android.graphics.Color)	4293248325 (0xFFE5C545)
YUV	191.9760, -60.6272, 32.4700
Hunter-Lab	75.5117, -6.0181, 42.0044

Details

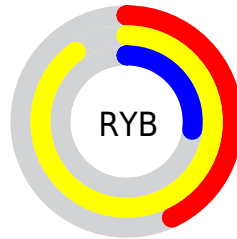
The Yxy color **57.0202, 0.4296, 0.4591** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **16.2323, 0.1870, 0.1428**, and the grayscale version is **53.0342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9658, 0.3888, 0.4518**, and **28.4926, 0.4489, 0.4818** is the 20% darker color. If you saturate the color by 10%, you get **54.7422, 0.4426, 0.4682**, and if you desaturate by 10%, it is **59.4766, 0.4143, 0.4458**.

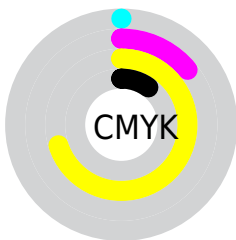
Distribution



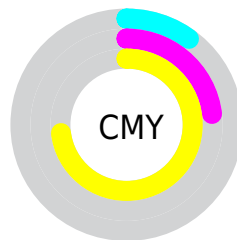
- Red (90%)
- Green (77%)
- Blue (27%)



- Red (43%)
- Yellow (90%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (70%)
- Black (10%)





- Cyan (10%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0202, 0.4296, 0.4591 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 57.0202, 0.4296, 0.4591 by changing the saturation by 10% instead.


 57.0202, 0.4296,
0.4591

 57.0202, 0.4296,
0.4591


413.5250, 0.3782,
0.4011

 41.0215, 0.4394,
0.4704


 100.4947, 0.4131,
0.4402


 28.3359, 0.4501,
0.4830


 128.7392, 0.4062,
0.4325


 18.5790, 0.4613,
0.4965


 161.8344, 0.4001,
0.4256

 11.3665, 0.4746,
0.5129

 200.1647, 0.3947,
0.4196

 6.3139, 0.4792,
0.5208

 244.1146, 0.3899,
0.4142

 3.0369, 0.4769,
0.5231

294.0683, 0.3856,

 1.1510, 0.4729,

0.4093

0.5271

350.4103, 0.3817,
0.4050

■ 0.0211, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0202, 0.4296,
0.4591

■ 57.0202, 0.4296,
0.4591

■ 54.7422, 0.4426,
0.4682

■ 59.4766, 0.4143,
0.4458

■ 52.6204, 0.4528,
0.4725

■ 62.1150, 0.3973,
0.4291

■ 50.6341, 0.4603,
0.4727

■ 64.9486, 0.3796,
0.4101

■ 50.6089, 0.4604,
0.4727

■ 67.9868, 0.3618,
0.3898

■ 71.2382, 0.3444,
0.3690

■ 74.7108, 0.3279,
0.3485

■ 78.4121, 0.3125,
0.3288

■ 82.3492, 0.2984,
0.3101

■ 85.1650, 0.2968,
0.3120

Harmonies

Analogous

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



57.0202, 0.4750, 0.4031



57.0202, 0.4296, 0.4591



57.0202, 0.3567, 0.4871

Triad

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



57.0202, 0.4296, 0.4591



57.0202, 0.1746, 0.2827



57.0202, 0.3329, 0.2370

Complementary

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



57.0202, 0.4296, 0.4591



16.2323, 0.1870, 0.1428

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.



57.0202, 0.2519, 0.2085



57.0202, 0.4296, 0.4591



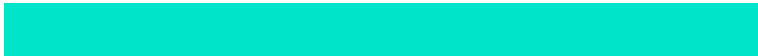
57.0202, 0.1706, 0.2263

Square

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



57.0202, 0.4296, 0.4591



57.0202, 0.2105, 0.3704



57.0202, 0.1964, 0.2035



57.0202, 0.4187, 0.2840

Rectangle

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



57.0202, 0.4296, 0.4591



57.0202, 0.3027, 0.4738



57.0202, 0.1964, 0.2035



57.0202, 0.3039, 0.2251

Sweetspot

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



57.0229, 0.4296, 0.4591



90.3728, 0.3465, 0.3716



21.9090, 0.4982, 0.2956



19.0929, 0.3513, 0.3774



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.



57.0229, 0.4296, 0.4591



68.5808, 0.4477, 0.4708



66.6249, 0.3715, 0.5073



16.3016, 0.3272, 0.3477



29.1067, 0.4596, 0.4733



2.2757, 0.4526, 0.4788

Inverse Universe

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



16.2323, 0.1870, 0.1428



13.9737, 0.1672, 0.1057



13.5141, 0.2071, 0.1204



14.3517, 0.2980, 0.3096



4.4786, 0.1556, 0.0800



0.4605, 0.1627, 0.1058

Previews

White Background



This preview shows how the Yxy color 57.0202, 0.4296, 0.4591 looks on a white background.

Color Contrast Check

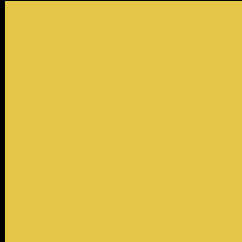
Large Text (above 18pt) WCAG AA × Fail

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 57.0202, 0.4296, 0.4591 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 57.0202, 0.4296, 0.4591

Background



This preview shows how black text looks on a background with the Yxy color 57.0202, 0.4296, 0.4591.

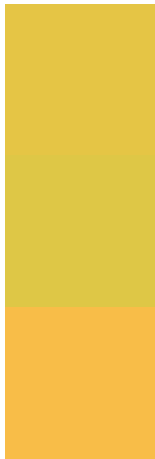


This preview shows how white text looks on a background with the Yxy color 57.0202, 0.4296, 0.4591.

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

57.0202, 0.4296, 0.4591

Protanopia

56.8186, 0.4216, 0.4638

Deuteranopia

56.8195, 0.4504, 0.4407



Tritanopia

56.7552, 0.3474, 0.3128

Trichromacy



Original Color

57.0202, 0.4296, 0.4591

Protanomaly

56.8379, 0.4249, 0.4614

Deuteranomaly

56.8550, 0.4427, 0.4474

Tritanomaly

56.3244, 0.3825, 0.3706

Monochromacy



Original Color

57.0202, 0.4296, 0.4591

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6693, 0.3585, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0202, 0.4296, 0.4591 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(229, 197, 69)` looks like.

```
.text, #text, p{  
  color:rgb(229, 197, 69)  
}
```

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(229, 197, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 197, 69) }
```

Border

The CSS property to change the border of an element to Yxy 57.0202, 0.4296, 0.4591 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(229, 197, 69) }
```

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

```
.border{ border-color:rgb(229, 197, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 197, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 197, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 197, 69);  
box-shadow:4px 4px 4px 4px rgb(229, 197,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0202, 0.4296, 0.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 197, 69) }
```

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

```
.background{ background-color: rgb(229,  
197, 69) }
```

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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