

Converting Colors

Yxy(58.0048, 0.4038, 0.4304)

Have a look what the booklet for
Yxy(58.0048, 0.4038, 0.4304)
contains.

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Color

Yxy(58.0771, 0.4040, 0.4309)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2C76B |
| RGB | 226, 199, 107 |
| RGB Percent | 89%, 78%, 42% |
| CMY | 0.1136, 0.2196, 0.5803 |
| CMYK | 0.00, 0.12, 0.53, 0.11 |
| HSL | 46°, 67%, 65% |
| HSV | 46°, 53%, 89% |
| XYZ | 54.4515, 58.0771, 22.2523 |
| YIQ | 196.5850, 45.6240, -22.8880 |

Conversions

Conversions Part 2

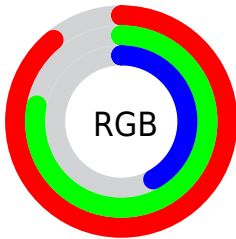
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 142, 226, 107 |
| Decimal | 14862187 |
| CIELab | 80.78, -1.90, 49.06 |
| CIELCh | 81, 49.095, 92.213 |
| Yxy | 58.0771, 0.4040, 0.4309 |
| Android (android.graphics.Color) | 4293052267 (0xFFE2C76B) |
| YUV | 196.5850, -44.1654, 25.7970 |
| Hunter-Lab | 76.2083, -5.8248, 36.0335 |

Details

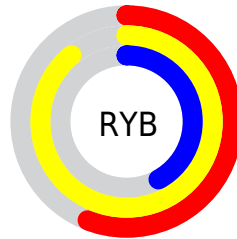
The Yxy color **58.0771, 0.4040, 0.4309** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.6872, 0.2188, 0.1984**, and the grayscale version is **55.8266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3181, 0.3689, 0.4219**, and **28.8612, 0.4234, 0.4528** is the 20% darker color. If you saturate the color by 10%, you get **55.3404, 0.4214, 0.4463**, and if you desaturate by 10%, it is **61.0234, 0.3857, 0.4129**.

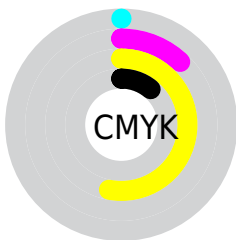
Distribution



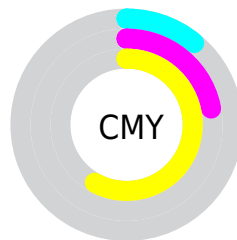
- Red (89%)
- Green (78%)
- Blue (42%)



- Red (56%)
- Yellow (89%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (53%)
- Black (11%)




- Cyan (11%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0771, 0.4040, 0.4309 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 58.0771, 0.4040, 0.4309 by changing the saturation by 10% instead.


 58.0771, 0.4040,
0.4309


 58.0771, 0.4040,
0.4309


417.4732, 0.3620,
0.3836


 41.8706, 0.4130,
0.4412

 102.0351, 0.3898,
0.4148


 29.0000, 0.4235,
0.4534


 130.5555, 0.3841,
0.4084

 19.0808, 0.4359,
0.4678


 163.9492, 0.3792,
0.4029

 11.7287, 0.4499,
0.4846


 202.6008, 0.3749,
0.3980

 6.5592, 0.4698,
0.5085

246.8946, 0.3711,
0.3938

 3.1880, 0.4783,
0.5217

297.2150, 0.3677,

 1.2307, 0.4749,

0.3900

0.5251

353.9464, 0.3647,
0.3866

0.0865, 0.2936,
0.7064

0.0000, 0.0000,
0.0000

58.0771, 0.4040,
0.4309

58.0771, 0.4040,
0.4309

55.3404, 0.4214,
0.4463

61.0234, 0.3857,
0.4129

52.7945, 0.4372,
0.4581


64.1807, 0.3673,
0.3934


50.4298, 0.4505,
0.4655


67.5606, 0.3495,
0.3733

48.2318, 0.4608,
0.4681

71.1712, 0.3325,
0.3533

 46.7075, 0.4669,
0.4675

 75.0200, 0.3167,
0.3340

 79.1144, 0.3022,
0.3156

 82.7838, 0.2949,
0.3085

 85.7672, 0.2950,
0.3138

 88.8363, 0.2951,
0.3191

Harmonies

Analogous

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



58.0771, 0.4364, 0.3912



58.0771, 0.4040, 0.4309



58.0771, 0.3488, 0.4457

Triad

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



58.0771, 0.4040, 0.4309



58.0771, 0.2053, 0.2959



58.0771, 0.3297, 0.2577

Complementary

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



58.0771, 0.4040, 0.4309



25.6872, 0.2188, 0.1984

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.



58.0771, 0.2677, 0.2346



58.0771, 0.4040, 0.4309



58.0771, 0.2015, 0.2511

Square

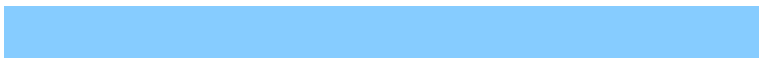
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.0771, 0.4040, 0.4309



58.0771, 0.2350, 0.3598



58.0771, 0.2229, 0.2313



58.0771, 0.3927, 0.2960

Rectangle

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



58.0771, 0.4040, 0.4309



58.0771, 0.3071, 0.4331



58.0771, 0.2229, 0.2313



58.0771, 0.3079, 0.2481

Sweetspot

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



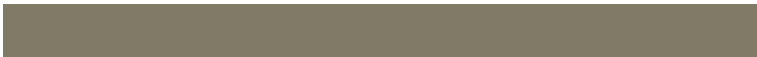
58.0798, 0.4040, 0.4309



91.8712, 0.3382, 0.3602



28.4364, 0.4288, 0.2974



19.4530, 0.3417, 0.3643



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.



58.0798, 0.4040, 0.4309



72.4719, 0.4227, 0.4474



66.9864, 0.3643, 0.4676



15.4736, 0.3273, 0.3470



26.8222, 0.4660, 0.4682



1.9900, 0.4573, 0.4751

Inverse Universe

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



25.6872, 0.2188, 0.1984



25.8132, 0.1992, 0.1670



21.4787, 0.2356, 0.1709



13.7461, 0.2981, 0.3103



4.6493, 0.1569, 0.0849



0.4567, 0.1649, 0.1137

Previews

White Background



This preview shows how the Yxy color 58.0771, 0.4040, 0.4309 looks on a white background.

Color Contrast Check

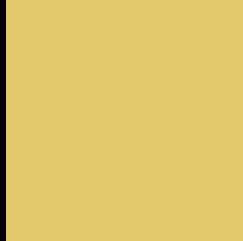
Large Text (above 18pt) WCAG AA × Fail

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 58.0771, 0.4040, 0.4309 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 58.0771, 0.4040, 0.4309

Background



This preview shows how black text looks on a background with the Yxy color 58.0771, 0.4040, 0.4309.



This preview shows how white text looks on a background with the Yxy color 58.0771, 0.4040, 0.4309.

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

58.0771, 0.4040, 0.4309

Protanopia

58.2282, 0.3979, 0.4337

Deuteranopia

57.7782, 0.4238, 0.4147



Tritanopia

57.9404, 0.3401, 0.3126

Trichromacy



Original Color

58.0771, 0.4040, 0.4309

Protanomaly

58.0792, 0.4001, 0.4320

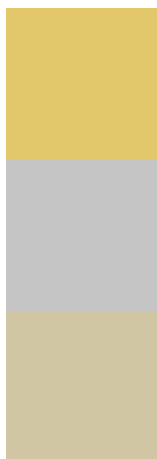
Deuteranomaly

57.8434, 0.4166, 0.4209

Tritanomaly

57.6822, 0.3655, 0.3562

Monochromacy



Original Color

58.0771, 0.4040, 0.4309

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4784, 0.3467, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0771, 0.4040, 0.4309 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(226, 199, 107)` looks like.

```
.text, #text, p{  
    color:rgb(226, 199, 107)  
}
```

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(226, 199, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 199, 107) }
```

Border

The CSS property to change the border of an element to Yxy 58.0771, 0.4040, 0.4309 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(226, 199, 107) }
```

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

```
.border{ border-color:rgb(226, 199, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 199, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 199, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 199, 107); box-shadow:4px 4px 4px 4px rgb(226, 199, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0771, 0.4040, 0.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 199, 107) }
```

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

```
.background{ background-color: rgb(226,  
199, 107) }
```

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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