

Converting Colors

$Yxy(60.2017, 0.3918, 0.4208)$

Have a look what the booklet for
Yxy(60.2017, 0.3918, 0.4208)
contains.

Yxy(60.2611, 0.3923, 0.4208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.2611, 0.3923, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	E2CB79
RGB	226, 203, 121
RGB Percent	89%, 80%, 47%
CMY	0.1136, 0.2039, 0.5254
CMYK	0.00, 0.10, 0.46, 0.11
HSL	47°, 64%, 68%
HSV	47°, 46%, 89%
XYZ	56.1797, 60.2611, 26.7652
YIQ	200.5290, 40.0300, -20.6260

Conversions

Conversions Part 2

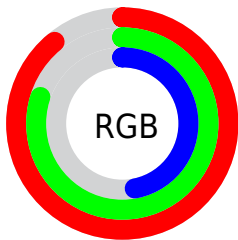
Format	Color
RYB	150, 226, 121
Decimal	14863225
CIELab	81.98, -2.71, 43.65
CIElCh	82, 43.730, 93.557
Yxy	60.2611, 0.3923, 0.4208
Android (android.graphics.Color)	4293053305 (0xFFE2CB79)
YUV	200.5290, -39.2078, 22.3381
Hunter-Lab	77.6280, -6.6678, 33.8971

Details

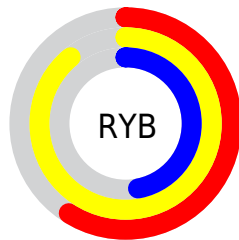
The Yxy color **60.2611, 0.3923, 0.4208** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.5235, 0.2304, 0.2153**, and the grayscale version is **58.3350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **30.3721, 0.4104, 0.4417** is the 20% darker color. If you saturate the color by 10%, you get **57.4678, 0.4101, 0.4381**, and if you desaturate by 10%, it is **63.2649, 0.3741, 0.4016**.

Distribution



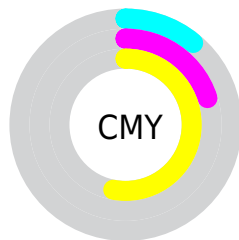
- Red (89%)
- Green (80%)
- Blue (47%)



- Red (59%)
- Yellow (89%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (46%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2611, 0.3923, 0.4208 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 60.2611, 0.3923, 0.4208 by changing the saturation by 10% instead.

 60.2611, 0.3923,
0.4208

 60.2611, 0.3923,
0.4208


425.5595, 0.3555,
0.3779


 43.6291, 0.4003,
0.4304


 105.2083, 0.3798,
0.4060

 30.3790, 0.4099,
0.4419

 134.2924, 0.3748,
0.4002

 20.1265, 0.4214,
0.4559


 168.2959, 0.3705,
0.3952

 12.4870, 0.4350,
0.4729

207.6033, 0.3668,
0.3908

 7.0763, 0.4507,
0.4933

252.5990, 0.3635,
0.3870

 3.5098, 0.4748,
0.5252

303.6673, 0.3605,

 1.4033, 0.4703,

0.3836

0.5297

361.1927, 0.3579,
0.3806

0.2192, 0.3933,
0.6067

0.0000, 0.0000,
0.0000

60.2611, 0.3923,
0.4208

60.2611, 0.3923,
0.4208

57.4678, 0.4101,
0.4381

63.2649, 0.3741,
0.4016

54.8667, 0.4267,
0.4524


66.4797, 0.3560,
0.3815

52.4493, 0.4413,
0.4627

69.9166, 0.3388,
0.3612


50.2030, 0.4533,
0.4684

73.5834, 0.3225,
0.3414

 48.1115, 0.4622,
0.4693


 77.4873, 0.3076,
0.3224

 47.3987, 0.4649,
0.4690

 81.5292, 0.2948,
0.3062

 84.3726, 0.2949,
0.3114

 87.2954, 0.2950,
0.3165

 90.2984, 0.2951,
0.3215

Harmonies

Analogous

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



60.2611, 0.4215, 0.3873



60.2611, 0.3923, 0.4208



60.2611, 0.3430, 0.4307

Triad

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



60.2611, 0.3923, 0.4208



60.2611, 0.2163, 0.2984



60.2611, 0.3306, 0.2666

Complementary

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



60.2611, 0.3923, 0.4208



29.5235, 0.2304, 0.2153

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.



60.2611, 0.2753, 0.2451



60.2611, 0.3923, 0.4208



60.2611, 0.2137, 0.2591

Square

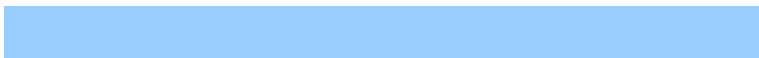
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.2611, 0.3923, 0.4208



60.2611, 0.2423, 0.3537



60.2611, 0.2341, 0.2416



60.2611, 0.3852, 0.3018

Rectangle

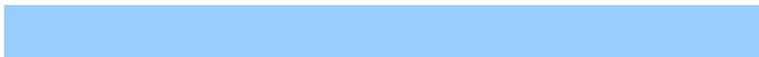
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.2611, 0.3923, 0.4208



60.2611, 0.3061, 0.4181



60.2611, 0.2341, 0.2416



60.2611, 0.3114, 0.2577

Sweetspot

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



60.2639, 0.3923, 0.4208



93.0144, 0.3348, 0.3564



31.9140, 0.4085, 0.3006



19.6901, 0.3384, 0.3608



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.



60.2639, 0.3923, 0.4208



75.5687, 0.4100, 0.4379



67.8014, 0.3595, 0.4517



15.4926, 0.3273, 0.3472



27.2146, 0.4641, 0.4697



2.0141, 0.4558, 0.4763

Inverse Universe

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



29.5235, 0.2304, 0.2153



30.4821, 0.2116, 0.1861



25.5640, 0.2466, 0.1912



13.7284, 0.2981, 0.3101



4.5577, 0.1565, 0.0835



0.4481, 0.1644, 0.1119

Previews

White Background



This preview shows how the Yxy color 60.2611, 0.3923, 0.4208 looks on a white background.

Color Contrast Check

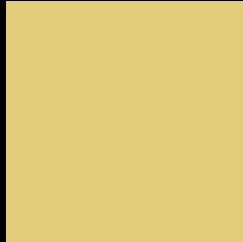
Large Text (above 18pt) WCAG AA × Fail

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 60.2611, 0.3923, 0.4208 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 60.2611, 0.3923, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 60.2611, 0.3923, 0.4208.

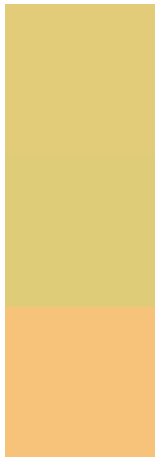


This preview shows how white text looks on a background with the Yxy color 60.2611, 0.3923, 0.4208.

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

60.2611, 0.3923, 0.4208

Protanopia

60.2542, 0.3892, 0.4228

Deuteranopia

60.2344, 0.4129, 0.4048



Tritanopia

60.3562, 0.3353, 0.3127

Trichromacy



Original Color

60.2611, 0.3923, 0.4208

Protanomaly

60.4135, 0.3901, 0.4224

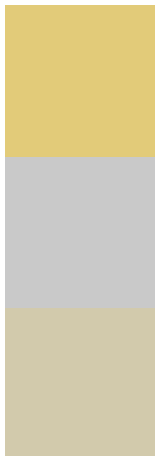
Deuteranomaly

60.1440, 0.4052, 0.4110

Tritanomaly

60.2229, 0.3577, 0.3526

Monochromacy



Original Color

60.2611, 0.3923, 0.4208

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9213, 0.3413, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2611, 0.3923, 0.4208 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, 203, 121)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 121)  
}
```

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, 203, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 121) }
```

Border

The CSS property to change the border of an element to Yxy 60.2611, 0.3923, 0.4208 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, 203, 121) }
```

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

```
.border{ border-color:rgb(226, 203, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 203, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 121);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2611, 0.3923, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 121) }
```

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

```
.background{ background-color: rgb(226,  
203, 121) }
```

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