

Converting Colors

$Yxy(60.1116, 0.4074, 0.4857)$

Have a look what the booklet for
Yxy(60.1116, 0.4074, 0.4857)
contains.

Yxy(60.1211, 0.4075, 0.4857)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.1211, 0.4075, 0.4857)

Conversions

Conversions Part 1

Format	Color
Hex	D2D23C
RGB	210, 210, 60
RGB Percent	82%, 82%, 24%
CMY	0.1765, 0.1765, 0.7647
CMYK	0.00, 0.00, 0.71, 0.18
HSL	60°, 63%, 53%
HSV	60°, 71%, 82%
XYZ	50.4413, 60.1211, 13.2200
YIQ	192.9000, 48.1500, -46.6500

Conversions

Conversions Part 2

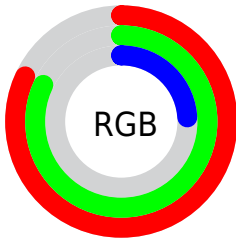
Format	Color
RYB	60, 210, 60
Decimal	13816380
CIELab	81.90, -17.19, 69.77
CIElCh	82, 71.852, 103.841
Yxy	60.1211, 0.4075, 0.4857
Android (android.graphics.Color)	4292006460 (0xFFD2D23C)
YUV	192.9000, -65.5197, 14.9967
Hunter-Lab	77.5378, -19.5700, 44.1677

Details

The Yxy color **60.1211, 0.4075, 0.4857** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **8.8456, 0.1760, 0.1030**, and the grayscale version is **53.6396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0644, 0.3912, 0.4588**, and **30.4523, 0.4149, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **59.9441, 0.4139, 0.4963**, and if you desaturate by 10%, it is **60.3918, 0.3985, 0.4709**.

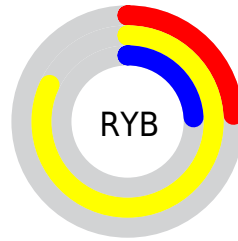
Distribution



Red (82%)

Green (82%)

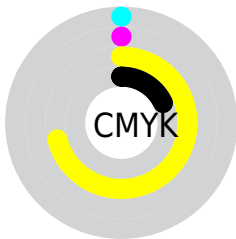
Blue (24%)



Red (24%)

Yellow (82%)

Blue (24%)

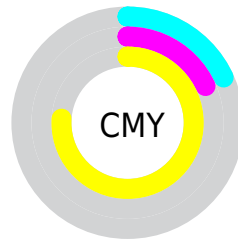


Cyan (0%)

Magenta (0%)

Yellow (71%)

Black (18%)



Cyan (18%)


Magenta (18%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1211, 0.4075, 0.4857 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 60.1211, 0.4075, 0.4857 by changing the saturation by 10% instead.


 60.1211, 0.4075,
0.4857


 60.1211, 0.4075,
0.4857


425.0440, 0.3687,
0.4137

 43.5163, 0.4139,
0.5005


 105.0053, 0.3958,
0.4617


 30.2904, 0.4201,
0.5174


 134.0535, 0.3907,
0.4520

 20.0591, 0.4251,
0.5363


 168.0182, 0.3861,
0.4436

 12.4380, 0.4308,
0.5614

 207.2839, 0.3819,
0.4361

 7.0427, 0.4227,
0.5773

 252.2349, 0.3781,
0.4295

 3.4888, 0.4051,
0.5949

303.2557, 0.3747,

 1.3920, 0.3744,

0.4236

0.6256

360.7306, 0.3715,
0.4184

■ 0.2108, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1211, 0.4075,
0.4857

■ 60.1211, 0.4075,
0.4857

■ 59.9441, 0.4139,
0.4963

■ 60.3918, 0.3985,
0.4709

■ 59.8413, 0.4177,
0.5025

■ 60.7570, 0.3873,
0.4523

■ 59.7976, 0.4193,
0.5053

■ 61.2278, 0.3742,
0.4306

■ 61.8114, 0.3598,
0.4069

■ 62.5144, 0.3448,
0.3821

■ 63.3430, 0.3296,
0.3570

■ 64.3029, 0.3148,
0.3324

■ 65.3994, 0.3006,
0.3089

■ 66.6376, 0.2872,
0.2868

Harmonies

Analogous

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



60.1211, 0.4713, 0.4316



60.1211, 0.4075, 0.4857



60.1211, 0.3238, 0.4964

Triad

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



60.1211, 0.4075, 0.4857



60.1211, 0.1602, 0.2497



60.1211, 0.3724, 0.2487

Complementary

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



60.1211, 0.4075, 0.4857



8.8456, 0.1760, 0.1030

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.



60.1211, 0.2790, 0.2101



60.1211, 0.4075, 0.4857



60.1211, 0.1688, 0.2055

Square

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



60.1211, 0.4075, 0.4857



60.1211, 0.1837, 0.3323



60.1211, 0.2082, 0.1944



60.1211, 0.4568, 0.3037

Rectangle

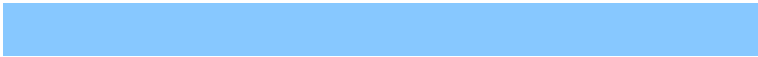
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1211, 0.4075, 0.4857



60.1211, 0.2674, 0.4626



60.1211, 0.2082, 0.1944



60.1211, 0.3402, 0.2336

Sweetspot

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



60.1239, 0.4075, 0.4857



97.0182, 0.3445, 0.3816



17.2601, 0.5542, 0.3297



20.6964, 0.3487, 0.3886



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.



60.1239, 0.4075, 0.4857



92.9053, 0.4163, 0.5002



51.5727, 0.3459, 0.5269



13.7977, 0.3266, 0.3520



36.4738, 0.4193, 0.5053



2.0394, 0.4193, 0.5053

Inverse Universe

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



8.8456, 0.1760, 0.1030



8.8334, 0.1570, 0.0715



13.0359, 0.2358, 0.1323



11.4177, 0.2982, 0.3050



2.8384, 0.1500, 0.0600



0.1587, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 60.1211, 0.4075, 0.4857 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 60.1211, 0.4075, 0.4857 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 60.1211, 0.4075, 0.4857

Background



This preview shows how black text looks on a background with the Yxy color 60.1211, 0.4075, 0.4857.



This preview shows how white text looks on a background with the Yxy color 60.1211, 0.4075, 0.4857.

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

60.1211, 0.4075, 0.4857

Protanopia

59.9852, 0.4278, 0.4721

Deuteranopia

59.8052, 0.4551, 0.4438



Tritanopia

59.8710, 0.3230, 0.3123

Trichromacy



Original Color

60.1211, 0.4075, 0.4857

Protanomaly

59.8305, 0.4200, 0.4770

Deuteranomaly

59.5677, 0.4385, 0.4587

Tritanomaly

59.0790, 0.3605, 0.3817

Monochromacy



Original Color

60.1211, 0.4075, 0.4857

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.0333, 0.3533, 0.3961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1211, 0.4075, 0.4857 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(210, 210, 60)` looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 60)  
}
```

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(210, 210, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 60) }
```

Border

The CSS property to change the border of an element to Yxy 60.1211, 0.4075, 0.4857 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(210, 210, 60) }
```

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

```
.border{ border-color:rgb(210, 210, 60) }
```

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

Here you see how a box with a 4 pixel rgb(210, 210, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 60);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
60) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 60.1211, 0.4075, 0.4857$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 60) }
```

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

```
.background{ background-color: rgb(210,  
210, 60) }
```

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