

Converting Colors

Yxy(61.0334, 0.4016, 0.5054)

Have a look what the booklet for
Yxy(61.0334, 0.4016, 0.5054)
contains.

Yxy(61.0334, 0.4016, 0.5054)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.0334, 0.4016, 0.5054)

Conversions

Conversions Part 1

Format	Color
Hex	C8D728
RGB	200, 215, 40
RGB Percent	78%, 84%, 16%
CMY	0.2158, 0.1568, 0.8431
CMYK	0.07, 0.00, 0.81, 0.16
HSL	65°, 69%, 50%
HSV	65°, 81%, 84%
XYZ	48.4982, 61.0334, 11.2309
YIQ	190.5650, 47.2350, -57.6050

Conversions

Conversions Part 2

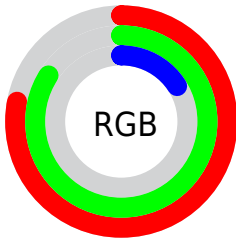
Format	Color
RYB	40, 215, 55
Decimal	13162280
CIELab	82.40, -24.58, 75.85
CIELCh	82, 79.737, 107.954
Yxy	61.0334, 0.4016, 0.5054
Android (android.graphics.Color)	4291352360 (0xFFC8D728)
YUV	190.5650, -74.2285, 8.2745
Hunter-Lab	78.1239, -25.9064, 46.1633

Details

The Yxy color **61.0334, 0.4016, 0.5054** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **7.2374, 0.1683, 0.0834**, and the grayscale version is **52.2520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7593, 0.3973, 0.4689**, and **30.8924, 0.3999, 0.5207** is the 20% darker color. If you saturate the color by 10%, you get **60.6756, 0.4039, 0.5133**, and if you desaturate by 10%, it is **61.4812, 0.3967, 0.4931**.

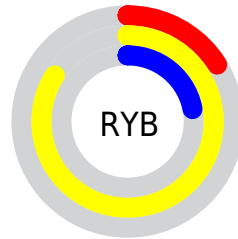
Distribution



Red (78%)

Green (84%)

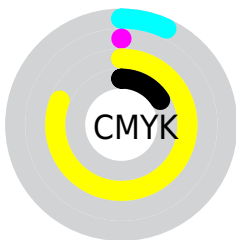
Blue (16%)



Red (16%)

Yellow (84%)

Blue (22%)

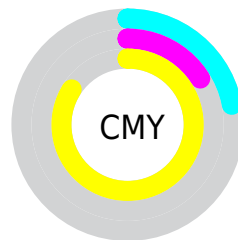


Cyan (7%)

Magenta (0%)

Yellow (81%)

Black (16%)



Cyan (22%)


Magenta (16%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0334, 0.4016, 0.5054 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 61.0334, 0.4016, 0.5054 by changing the saturation by 10% instead.


 61.0334, 0.4016,
0.5054

 61.0334, 0.4016,
0.5054


428.3965, 0.3677,
0.4243


 44.2521, 0.4061,
0.5219


 106.3273, 0.3922,
0.4785

 30.8688, 0.4097,
0.5406


 135.6087, 0.3878,
0.4676


 20.4989, 0.4109,
0.5613


 169.8256, 0.3837,
0.4580

 12.7582, 0.4112,
0.5888

 209.3624, 0.3799,
0.4496

 7.2623, 0.3949,
0.6051

 254.6035, 0.3765,
0.4421

 3.6267, 0.3698,
0.6302

 305.9333, 0.3733,

 1.4670, 0.3244,

0.4355

0.6756

363.7361, 0.3704,
0.4296

■ 0.2653, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0334, 0.4016,
0.5054

■ 61.0334, 0.4016,
0.5054

■ 60.6756, 0.4039,
0.5133

■ 61.4812, 0.3967,
0.4931

■ 60.4153, 0.4042,
0.5173

■ 62.0223, 0.3893,
0.4764

■ 62.6695, 0.3795,
0.4561

■ 63.4313, 0.3680,
0.4330

■ 64.3156, 0.3552,
0.4082

■ 65.3292, 0.3417,
0.3826

■ 66.4788, 0.3280,
0.3571

■ 67.7704, 0.3146,
0.3324

■ 69.2097, 0.3016,
0.3089

Harmonies

Analogous

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



61.0334, 0.4766, 0.4467



61.0334, 0.4016, 0.5054



61.0334, 0.3095, 0.5113

Triad

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



61.0334, 0.4016, 0.5054



61.0334, 0.1473, 0.2321



61.0334, 0.3924, 0.2488

Complementary

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



61.0334, 0.4016, 0.5054



7.2374, 0.1683, 0.0834

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.



61.0334, 0.2882, 0.2049



61.0334, 0.4016, 0.5054



61.0334, 0.1612, 0.1912

Square

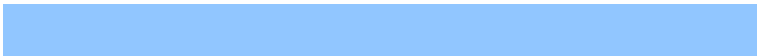
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0334, 0.4016, 0.5054



61.0334, 0.1665, 0.3164



61.0334, 0.2075, 0.1843



61.0334, 0.4809, 0.3088

Rectangle

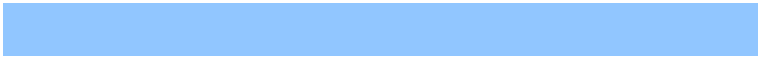
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0334, 0.4016, 0.5054



61.0334, 0.2497, 0.4666



61.0334, 0.2075, 0.1843



61.0334, 0.3569, 0.2319

Sweetspot

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



61.0362, 0.4016, 0.5054



95.6825, 0.3456, 0.3899



17.2948, 0.5854, 0.3403



20.3646, 0.3504, 0.3991



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.



61.0362, 0.4016, 0.5054



88.9445, 0.4041, 0.5166



52.2654, 0.3343, 0.5549



14.4632, 0.3253, 0.3521



36.1544, 0.4044, 0.5171



2.1970, 0.4072, 0.5149

Inverse Universe

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



7.2374, 0.1683, 0.0834



7.5579, 0.1530, 0.0624



12.1829, 0.2378, 0.1197



12.0592, 0.2995, 0.3050



3.0334, 0.1530, 0.0617



0.2010, 0.1618, 0.0665

Previews

White Background



This preview shows how the Yxy color 61.0334, 0.4016, 0.5054 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 61.0334, 0.4016, 0.5054 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 61.0334, 0.4016, 0.5054

Background



This preview shows how black text looks on a background with the Yxy color 61.0334, 0.4016, 0.5054.



This preview shows how white text looks on a background with the Yxy color 61.0334, 0.4016, 0.5054.

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

61.0334, 0.4016, 0.5054

Protanopia

60.6192, 0.4350, 0.4812

Deuteranopia

60.7451, 0.4516, 0.4432



Tritanopia

60.7135, 0.3128, 0.3109

Trichromacy



Original Color

61.0334, 0.4016, 0.5054

Protanomaly

60.8009, 0.4224, 0.4904

Deuteranomaly

60.2295, 0.4344, 0.4656

Tritanomaly

59.6313, 0.3556, 0.3921

Monochromacy



Original Color

61.0334, 0.4016, 0.5054

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

54.5555, 0.3554, 0.4095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0334, 0.4016, 0.5054 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(200, 215, 40)` looks like.

```
.text, #text, p{  
    color:rgb(200, 215, 40)  
}
```

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(200, 215, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 215, 40) }
```

Border

The CSS property to change the border of an element to Yxy 61.0334, 0.4016, 0.5054 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(200, 215, 40) }
```

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

```
.border{ border-color:rgb(200, 215, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 215, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 215, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 215, 40);  
box-shadow:4px 4px 4px 4px rgb(200, 215,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0334, 0.4016, 0.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 215, 40) }
```

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

```
.background{ background-color: rgb(200,  
215, 40) }
```

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