

Converting Colors

$Yxy(60.2982, 0.3725, 0.5378)$

Have a look what the booklet for
Yxy(60.2982, 0.3725, 0.5378)
contains.

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Color

Yxy(60.2889, 0.3725, 0.5378)

Conversions

Conversions Part 1

Format	Color
Hex	A5DE13
RGB	165, 222, 19
RGB Percent	65%, 87%, 7%
CMY	0.3529, 0.1294, 0.9251
CMYK	0.26, 0.00, 0.91, 0.13
HSL	77°, 84%, 47%
HSV	77°, 91%, 87%
XYZ	41.7583, 60.2889, 10.0556
YIQ	181.8150, 31.1910, -75.2170

Conversions

Conversions Part 2

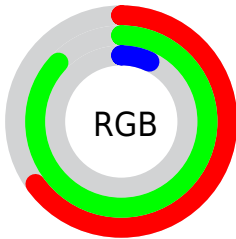
Format	Color
RYB	19, 222, 76
Decimal	10870291
CIELab	81.99, -42.29, 78.55
CIELCh	82, 89.213, 118.294
Yxy	60.2889, 0.3725, 0.5378
Android (android.graphics.Color)	4289060371 (0xFFA5DE13)
YUV	181.8150, -80.2678, -14.7468
Hunter-Lab	77.6459, -39.8823, 46.6737

Details

The Yxy color **60.2889, 0.3725, 0.5378** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **7.2831, 0.1758, 0.0780**, and the grayscale version is **47.1143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1576, 0.3796, 0.4887**, and **30.7632, 0.3580, 0.5539** is the 20% darker color. If you saturate the color by 10%, you get **59.6810, 0.3699, 0.5445**, and if you desaturate by 10%, it is **61.0915, 0.3736, 0.5262**.

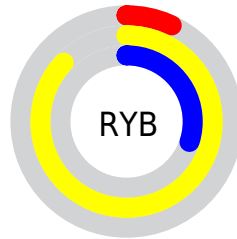
Distribution



Red (65%)

Green (87%)

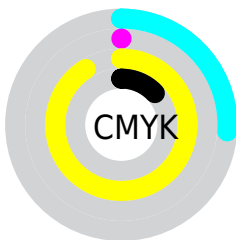
Blue (7%)



Red (7%)

Yellow (87%)

Blue (30%)

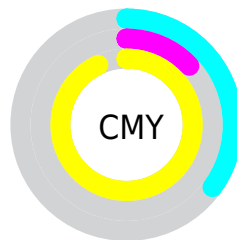


Cyan (26%)

Magenta (0%)

Yellow (91%)

Black (13%)



Cyan (35%)


Magenta (13%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2889, 0.3725, 0.5378 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 60.2889, 0.3725, 0.5378 by changing the saturation by 10% instead.

 60.2889, 0.3725,
0.5378


 60.2889, 0.3725,
0.5378


425.6618, 0.3545,
0.4381


 43.6515, 0.3727,
0.5590

 105.2486, 0.3692,
0.5039

 30.3967, 0.3706,
0.5837


 134.3398, 0.3669,
0.4904

 20.1399, 0.3645,
0.6120


 168.3510, 0.3647,
0.4787

 12.4967, 0.3528,
0.6472

 207.6667, 0.3624,
0.4684

 7.0829, 0.3237,
0.6763

 252.6712, 0.3603,
0.4594

 3.5140, 0.2795,
0.7205

 303.7490, 0.3582,

 1.4056, 0.1406,

0.4515

0.8594

361.2844, 0.3563,
0.4444

■ 0.2209, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2889, 0.3725,
0.5378

■ 60.2889, 0.3725,
0.5378

■ 59.6810, 0.3699,
0.5445

■ 61.0915, 0.3736,
0.5262

■ 62.0120, 0.3722,
0.5098

■ 63.0662, 0.3682,
0.4890

■ 64.2653, 0.3620,
0.4649

■ 65.6191, 0.3540,
0.4386

■ 67.1362, 0.3448,
0.4113

■ 68.8248, 0.3348,
0.3839

■ 70.6922, 0.3244,
0.3575

■ 72.7454, 0.3141,
0.3324

Harmonies

Analogous

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



60.2889, 0.4649, 0.4800



60.2889, 0.3725, 0.5378



60.2889, 0.2711, 0.5167

Triad

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



60.2889, 0.3725, 0.5378



60.2889, 0.1340, 0.2007



60.2889, 0.4409, 0.2611

Complementary

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



60.2889, 0.3725, 0.5378



7.2831, 0.1758, 0.0780

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.



60.2889, 0.3230, 0.2070



60.2889, 0.3725, 0.5378



60.2889, 0.1604, 0.1720

Square

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



60.2889, 0.3725, 0.5378



60.2889, 0.1408, 0.2747



60.2889, 0.2225, 0.1758



60.2889, 0.5208, 0.3285

Rectangle

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



60.2889, 0.3725, 0.5378



60.2889, 0.2109, 0.4446



60.2889, 0.2225, 0.1758



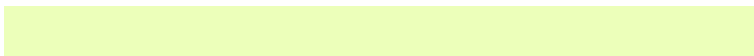
60.2889, 0.4027, 0.2411

Sweetspot

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



60.2916, 0.3725, 0.5378



92.8466, 0.3407, 0.3998



20.3693, 0.5845, 0.3648



19.7072, 0.3441, 0.4092



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.



60.2916, 0.3725, 0.5378



81.6337, 0.3696, 0.5448



53.4646, 0.3119, 0.5848



15.8260, 0.3224, 0.3525



35.5071, 0.3707, 0.5439



2.5055, 0.3784, 0.5377

Inverse Universe

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



7.2831, 0.1758, 0.0780



8.5832, 0.1663, 0.0690



14.8174, 0.2670, 0.1275



13.4287, 0.3024, 0.3051



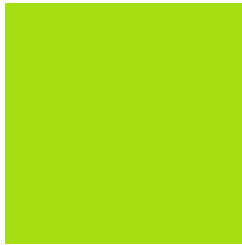
3.7961, 0.1682, 0.0700



0.3074, 0.1845, 0.0790

Previews

White Background



This preview shows how the Yxy color 60.2889, 0.3725, 0.5378 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 60.2889, 0.3725, 0.5378 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 60.2889, 0.3725, 0.5378

Background



This preview shows how black text looks on a background with the Yxy color 60.2889, 0.3725, 0.5378.



This preview shows how white text looks on a background with the Yxy color 60.2889, 0.3725, 0.5378.

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

60.2889, 0.3725, 0.5378

Protanopia

59.8613, 0.4395, 0.4877

Deuteranopia

59.6570, 0.4608, 0.4510



Tritanopia

59.7846, 0.2861, 0.3088

Trichromacy



Original Color

60.2889, 0.3725, 0.5378

Protanomaly

59.7369, 0.4142, 0.5069

Deuteranomaly

58.8754, 0.4282, 0.4837

Tritanomaly

58.7219, 0.3302, 0.4097

Monochromacy



Original Color

60.2889, 0.3725, 0.5378

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

50.5927, 0.3502, 0.4275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2889, 0.3725, 0.5378 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(165, 222, 19)` looks like.

```
.text, #text, p{  
    color:rgb(165, 222, 19)  
}
```

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(165, 222, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 222, 19) }
```

Border

The CSS property to change the border of an element to Yxy 60.2889, 0.3725, 0.5378 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(165, 222, 19) }
```

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

```
.border{ border-color:rgb(165, 222, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 222, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 222, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 222, 19);  
box-shadow:4px 4px 4px 4px rgb(165, 222,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2889, 0.3725, 0.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 222, 19) }
```

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

```
.background{ background-color: rgb(165,  
222, 19) }
```

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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