

Converting Colors

$Yxy(60.2679, 0.3731, 0.4357)$

Have a look what the booklet for
Yxy(60.2679, 0.3731, 0.4357)
contains.

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Color

Yxy(60.5469, 0.3735, 0.4363)

Conversions

Conversions Part 1

Format	Color
Hex	CED277
RGB	206, 210, 119
RGB Percent	81%, 82%, 47%
CMY	0.1921, 0.1765, 0.5335
CMYK	0.02, 0.00, 0.43, 0.18
HSL	63°, 50%, 65%
HSV	63°, 43%, 82%
XYZ	51.8319, 60.5469, 26.3947
YIQ	198.4300, 26.8270, -29.1490

Conversions

Conversions Part 2

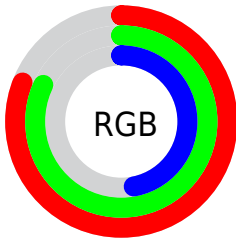
Format	Color
RYB	119, 210, 123
Decimal	13554295
CIELab	82.13, -14.50, 44.49
CIELCh	82, 46.795, 108.046
Yxy	60.5469, 0.3735, 0.4363
Android (android.graphics.Color)	4291744375 (0xFFCED277)
YUV	198.4300, -39.1590, 6.6389
Hunter-Lab	77.8119, -17.2687, 34.3564

Details

The Yxy color **60.5469, 0.3735, 0.4363** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.0446, 0.2350, 0.1964**, and the grayscale version is **56.9791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7971, 0.3614, 0.4095**, and **30.6783, 0.3851, 0.4632** is the 20% darker color. If you saturate the color by 10%, you get **59.9686, 0.3855, 0.4582**, and if you desaturate by 10%, it is **61.2429, 0.3601, 0.4123**.

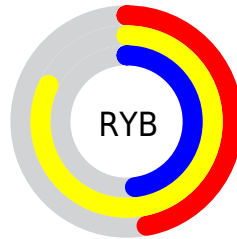
Distribution



Red (81%)

Green (82%)

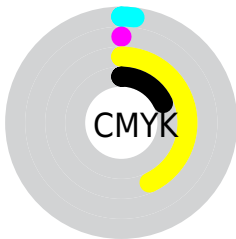
Blue (47%)



Red (47%)

Yellow (82%)

Blue (48%)

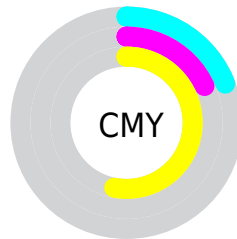


Cyan (2%)

Magenta (0%)

Yellow (43%)

Black (18%)



Cyan (19%)


Magenta (18%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5469, 0.3735, 0.4363 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 60.5469, 0.3735, 0.4363 by changing the saturation by 10% instead.


 60.5469, 0.3735,
0.4363


 60.5469, 0.3735,
0.4363


426.6107, 0.3463,
0.3846


 43.8596, 0.3791,
0.4483

 105.6226, 0.3645,
0.4182

 30.5601, 0.3856,
0.4630

 134.7798, 0.3608,
0.4112

 20.2641, 0.3930,
0.4813


 168.8624, 0.3576,
0.4051

 12.5872, 0.4010,
0.5045

208.2549, 0.3548,
0.3999

 7.1449, 0.4087,
0.5343

253.3415, 0.3523,
0.3954

 3.5529, 0.4188,
0.5812

304.5068, 0.3501,

 1.4267, 0.3935,

0.3914

0.6065

362.1350, 0.3481,
0.3878

0.2363, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.5469, 0.3735,
0.4363

60.5469, 0.3735,
0.4363

59.9686, 0.3855,
0.4582

61.2429, 0.3601,
0.4123

59.4924, 0.3956,
0.4770


62.0551, 0.3460,
0.3872

59.1127, 0.4033,
0.4919


62.9925, 0.3316,
0.3619


58.8199, 0.4084,
0.5026

64.0609, 0.3174,
0.3371


 58.6023, 0.4110,
0.5089

 65.2657, 0.3037,
0.3134

 58.4859, 0.4117,
0.5113

 66.6120, 0.2907,
0.2911

 67.3782, 0.2852,
0.2810

 67.5155, 0.2858,
0.2811

 67.6536, 0.2864,
0.2812

Harmonies

Analogous

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



60.5469, 0.4170, 0.4099



60.5469, 0.3735, 0.4363



60.5469, 0.3161, 0.4302

Triad

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



60.5469, 0.3735, 0.4363



60.5469, 0.2061, 0.2730



60.5469, 0.3613, 0.2793

Complementary

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



60.5469, 0.3735, 0.4363



22.0446, 0.2350, 0.1964

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.



60.5469, 0.3000, 0.2490



60.5469, 0.3735, 0.4363



60.5469, 0.2152, 0.2427

Square

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



60.5469, 0.3735, 0.4363



60.5469, 0.2215, 0.3253



60.5469, 0.2477, 0.2356



60.5469, 0.4119, 0.3210

Rectangle

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



60.5469, 0.3735, 0.4363



60.5469, 0.2779, 0.4046



60.5469, 0.2477, 0.2356



60.5469, 0.3410, 0.2676

Sweetspot

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



60.5497, 0.3735, 0.4363



97.7719, 0.3313, 0.3614



28.9510, 0.4242, 0.3331



20.8538, 0.3345, 0.3670



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.



60.5497, 0.3735, 0.4363



93.1114, 0.3846, 0.4566



55.0487, 0.3371, 0.4508



13.7702, 0.3259, 0.3520



35.6867, 0.4118, 0.5112



2.0037, 0.4132, 0.5101

Inverse Universe

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



22.0446, 0.2350, 0.1964



25.8423, 0.2156, 0.1639



26.1096, 0.2751, 0.2096



11.4420, 0.2988, 0.3050



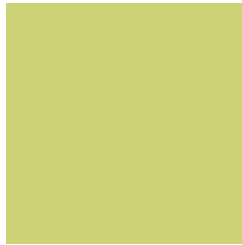
2.8859, 0.1515, 0.0608



0.1702, 0.1564, 0.0635

Previews

White Background



This preview shows how the Yxy color 60.5469, 0.3735, 0.4363 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 60.5469, 0.3735, 0.4363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

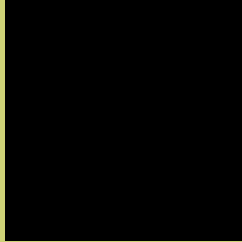
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5469, 0.3735, 0.4363

Background



This preview shows how black text looks on a background with the Yxy color 60.5469, 0.3735, 0.4363.



This preview shows how white text looks on a background with the Yxy color 60.5469, 0.3735, 0.4363.

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

60.5469, 0.3735, 0.4363

Protanopia

60.3174, 0.3928, 0.4266

Deuteranopia

60.3918, 0.4145, 0.4055



Tritanopia

60.5049, 0.3151, 0.3110

Trichromacy



Original Color

60.5469, 0.3735, 0.4363

Protanomaly

60.2023, 0.3852, 0.4298

Deuteranomaly

60.0127, 0.3998, 0.4157

Tritanomaly

60.1533, 0.3375, 0.3560

Monochromacy



Original Color

60.5469, 0.3735, 0.4363

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.5231, 0.3362, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5469, 0.3735, 0.4363 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(206, 210, 119)` looks like.

```
.text, #text, p{  
    color:rgb(206, 210, 119)  
}
```

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(206, 210, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 210, 119) }
```

Border

The CSS property to change the border of an element to Yxy 60.5469, 0.3735, 0.4363 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(206, 210, 119) }
```

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

```
.border{ border-color:rgb(206, 210, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 210, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 210, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 210, 119);  
box-shadow:4px 4px 4px 4px rgb(206, 210,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5469, 0.3735, 0.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 210, 119) }
```

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

```
.background{ background-color: rgb(206,  
210, 119) }
```

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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