

Converting Colors

Yxy(61.8306, 0.3732, 0.4759)

Have a look what the booklet for
Yxy(61.8306, 0.3732, 0.4759)
contains.

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Color

Yxy(61.9919, 0.3729, 0.4768)

Conversions

Conversions Part 1

Format	Color
Hex	BFDA5C
RGB	191, 218, 92
RGB Percent	75%, 85%, 36%
CMY	0.2511, 0.1450, 0.6391
CMYK	0.12, 0.00, 0.58, 0.15
HSL	73°, 63%, 61%
HSV	73°, 58%, 85%
XYZ	48.4832, 61.9919, 19.5415
YIQ	195.5630, 24.3540, -44.9100

Conversions

Conversions Part 2

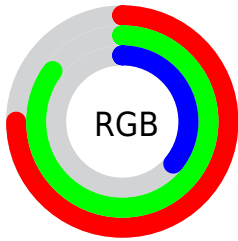
Format	Color
R_{YB}	92, 218, 119
Decimal	12573276
CIE _{Lab}	82.91, -26.83, 57.72
CIE _{LCh}	83, 63.650, 114.930
Yxy	61.9919, 0.3729, 0.4768
Android (android.graphics.Color)	4290763356 (0xFFBFDA5C)
YUV	195.5630, -51.0566, -4.0018
Hunter-Lab	78.7349, -27.8699, 40.3991

Details

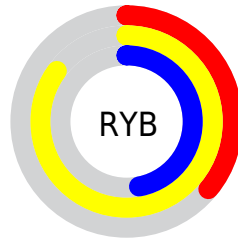
The Yxy color **61.9919, 0.3729, 0.4768** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **16.6497, 0.2211, 0.1527**, and the grayscale version is **55.2266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7351, 0.3725, 0.4363**, and **31.4727, 0.3813, 0.5127** is the 20% darker color. If you saturate the color by 10%, you get **61.0694, 0.3789, 0.4975**, and if you desaturate by 10%, it is **63.0490, 0.3648, 0.4530**.

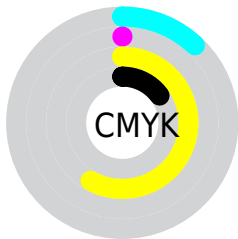
Distribution



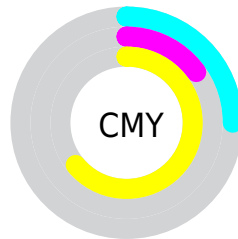
- Red (75%)
- Green (85%)
- Blue (36%)



- Red (36%)
- Yellow (85%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (58%)
- Black (15%)





- Cyan (25%)
- Magenta (15%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9919, 0.3729, 0.4768 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 61.9919, 0.3729, 0.4768 by changing the saturation by 10% instead.


 61.9919, 0.3729,
0.4768

 61.9919, 0.3729,
0.4768


431.9015, 0.3486,
0.4055


 45.0262, 0.3769,
0.4930


 107.7138, 0.3656,
0.4519

 31.4780, 0.3808,
0.5127


 137.2388, 0.3624,
0.4423

 20.9631, 0.3839,
0.5366


 171.7190, 0.3595,
0.4339

 13.0970, 0.3847,
0.5658

 211.5387, 0.3568,
0.4267

 7.4954, 0.3872,
0.6128

257.0825, 0.3545,
0.4204

 3.7738, 0.3604,
0.6396

308.7346, 0.3523,

 1.5479, 0.3124,

0.4149

0.6876

366.8795, 0.3503,
0.4099

■ 0.3221, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9919, 0.3729,
0.4768

■ 61.9919, 0.3729,
0.4768

■ 61.0694, 0.3789,
0.4975

■ 63.0490, 0.3648,
0.4530

■ 60.2634, 0.3824,
0.5142

■ 64.2412, 0.3551,
0.4272

■ 59.5650, 0.3833,
0.5263

■ 65.5791, 0.3443,
0.4005

■ 58.9582, 0.3819,
0.5339

■ 67.0698, 0.3330,
0.3739


 58.8307, 0.3814,
0.5354

 68.7202, 0.3215,
0.3482

 70.5365, 0.3103,
0.3237

 72.5246, 0.2994,
0.3010

 73.9312, 0.2962,
0.2910

 74.7090, 0.2993,
0.2913

Harmonies

Analogous

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



61.9919, 0.4377, 0.4428



61.9919, 0.3729, 0.4768



61.9919, 0.2962, 0.4607

Triad

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



61.9919, 0.3729, 0.4768



61.9919, 0.1751, 0.2410



61.9919, 0.3957, 0.2747

Complementary

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



61.9919, 0.3729, 0.4768



16.6497, 0.2211, 0.1527

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.



61.9919, 0.3128, 0.2329



61.9919, 0.3729, 0.4768



61.9919, 0.1933, 0.2117

Square

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



61.9919, 0.3729, 0.4768



61.9919, 0.1860, 0.3028



61.9919, 0.2402, 0.2104



61.9919, 0.4572, 0.3287

Rectangle

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



61.9919, 0.3729, 0.4768



61.9919, 0.2485, 0.4171



61.9919, 0.2402, 0.2104



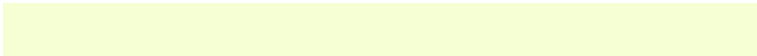
61.9919, 0.3687, 0.2590

Sweetspot

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



61.9947, 0.3729, 0.4768



95.7930, 0.3322, 0.3723



28.4562, 0.4693, 0.3586



20.4069, 0.3346, 0.3776



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.



61.9947, 0.3729, 0.4768



86.8709, 0.3797, 0.5009



55.6551, 0.3266, 0.5023



15.1155, 0.3234, 0.3523



35.2892, 0.3820, 0.5349



2.3221, 0.3884, 0.5298

Inverse Universe

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



16.6497, 0.2211, 0.1527



16.5892, 0.1996, 0.1176



22.4517, 0.2793, 0.1773



12.7513, 0.3014, 0.3051



3.4302, 0.1614, 0.0663



0.2601, 0.1773, 0.0750

Previews

White Background



This preview shows how the Yxy color 61.9919, 0.3729, 0.4768 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 61.9919, 0.3729, 0.4768 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 61.9919, 0.3729, 0.4768

Background



This preview shows how black text looks on a background with the Yxy color 61.9919, 0.3729, 0.4768.



This preview shows how white text looks on a background with the Yxy color 61.9919, 0.3729, 0.4768.

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

61.9919, 0.3729, 0.4768

Protanopia

61.5052, 0.4135, 0.4529

Deuteranopia

61.4325, 0.4352, 0.4256



Tritanopia

62.0049, 0.3024, 0.3107

Trichromacy



Original Color

61.9919, 0.3729, 0.4768

Protanomaly

61.2615, 0.3987, 0.4619

Deuteranomaly

61.0192, 0.4120, 0.4437

Tritanomaly

61.5667, 0.3312, 0.3723

Monochromacy



Original Color

61.9919, 0.3729, 0.4768

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.1237, 0.3382, 0.3863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9919, 0.3729, 0.4768 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(191, 218, 92)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 92)  
}
```

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(191, 218, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 92) }
```

Border

The CSS property to change the border of an element to Yxy 61.9919, 0.3729, 0.4768 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(191, 218, 92) }
```

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

```
.border{ border-color:rgb(191, 218, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 218, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 218, 92);  
box-shadow:4px 4px 4px 4px rgb(191, 218,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9919, 0.3729, 0.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 92) }
```

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

```
.background{ background-color: rgb(191,  
218, 92) }
```

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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