

Converting Colors

Yxy(55.9592, 0.3675, 0.4613)

Have a look what the booklet for
Yxy(55.9592, 0.3675, 0.4613)
contains.

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Color

Yxy(55.7556, 0.3674, 0.4611)

Conversions

Conversions Part 1

Format	Color
Hex	B8CF65
RGB	184, 207, 101
RGB Percent	72%, 81%, 40%
CMY	0.2785, 0.1882, 0.6038
CMYK	0.11, 0.00, 0.51, 0.19
HSL	73°, 52%, 60%
HSV	73°, 51%, 81%
XYZ	44.4255, 55.7556, 20.7376
YIQ	188.0390, 20.3180, -37.8420

Conversions

Conversions Part 2

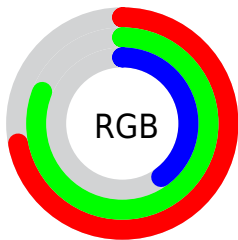
Format	Color
RYB	101, 207, 124
Decimal	12111717
CIELab	79.47, -23.50, 49.54
CIELCh	79, 54.830, 115.373
Yxy	55.7556, 0.3674, 0.4611
Android (android.graphics.Color)	4290301797 (0xFFB8CF65)
YUV	188.0390, -42.9102, -3.5422
Hunter-Lab	74.6697, -24.4714, 35.8025

Details

The Yxy color **55.7556, 0.3674, 0.4611** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.1067, 0.2340, 0.1748**, and the grayscale version is **50.5528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7303, 0.3633, 0.4307**, and **27.6713, 0.3763, 0.4958** is the 20% darker color. If you saturate the color by 10%, you get **54.8553, 0.3748, 0.4840**, and if you desaturate by 10%, it is **56.7808, 0.3582, 0.4359**.

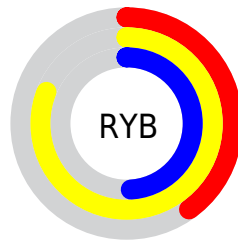
Distribution



Red (72%)

Green (81%)

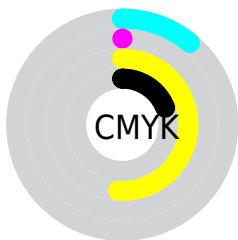
Blue (40%)



Red (40%)

Yellow (81%)

Blue (49%)

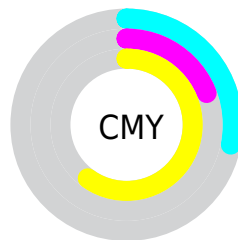


Cyan (11%)

Magenta (0%)

Yellow (51%)

Black (19%)



Cyan (28%)


Magenta (19%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7556, 0.3674, 0.4611 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 55.7556, 0.3674, 0.4611 by changing the saturation by 10% instead.


 55.7556, 0.3674,
0.4611

 55.7556, 0.3674,
0.4611


408.7698, 0.3440,
0.3958


 40.0070, 0.3717,
0.4765


 98.6471, 0.3600,
0.4379

 27.5440, 0.3762,
0.4956


 126.5589, 0.3569,
0.4290

 17.9822, 0.3805,
0.5196


 159.2938, 0.3541,
0.4214

 10.9372, 0.3832,
0.5498

 197.2363, 0.3517,
0.4149

 6.0246, 0.3897,
0.6014

240.7707, 0.3494,
0.4092

 2.8601, 0.3656,
0.6344

290.2815, 0.3475,

 1.0591, 0.2856,

0.4042

0.7144

346.1531, 0.3457,
0.3998

0.0000, 0.0000,
0.0000

55.7556, 0.3674,
0.4611

55.7556, 0.3674,
0.4611

54.8553, 0.3748,
0.4840

56.7808, 0.3582,
0.4359

54.0644, 0.3800,
0.5035

57.9305, 0.3478,
0.4094

53.3762, 0.3826,
0.5188

59.2138, 0.3367,
0.3828

52.7799, 0.3827,
0.5295

60.6368, 0.3253,
0.3567

52.3142, 0.3811,
0.5356

62.2050, 0.3140,
0.3319

■ 63.9239, 0.3031,
0.3086

■ 65.7984, 0.2928,
0.2871

■ 67.0613, 0.2902,
0.2785

■ 67.7727, 0.2933,
0.2789

Harmonies

Analogous

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



55.7556, 0.4256, 0.4337



55.7556, 0.3674, 0.4611



55.7556, 0.2980, 0.4442

Triad

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



55.7556, 0.3674, 0.4611



55.7556, 0.1875, 0.2498



55.7556, 0.3880, 0.2808

Complementary

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



55.7556, 0.3674, 0.4611



18.1067, 0.2340, 0.1748

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.



55.7556, 0.3144, 0.2421



55.7556, 0.3674, 0.4611



55.7556, 0.2048, 0.2225

Square

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



55.7556, 0.3674, 0.4611



55.7556, 0.1977, 0.3057



55.7556, 0.2484, 0.2212



55.7556, 0.4422, 0.3308

Rectangle

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



55.7556, 0.3674, 0.4611



55.7556, 0.2549, 0.4057



55.7556, 0.2484, 0.2212



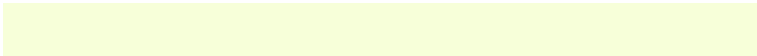
55.7556, 0.3642, 0.2663

Sweetspot

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



55.7581, 0.3674, 0.4611



96.2341, 0.3299, 0.3670



28.6190, 0.4417, 0.3582



20.4940, 0.3323, 0.3726



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.



55.7581, 0.3674, 0.4611



87.8321, 0.3751, 0.4852



50.4002, 0.3251, 0.4814



13.6626, 0.3233, 0.3522



32.9994, 0.3816, 0.5352



1.8781, 0.3889, 0.5294

Inverse Universe

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



18.1067, 0.2340, 0.1748



21.2366, 0.2144, 0.1411



23.1622, 0.2863, 0.1948



11.5398, 0.3015, 0.3052



3.2239, 0.1618, 0.0665



0.2159, 0.1802, 0.0766

Previews

White Background



This preview shows how the Yxy color 55.7556, 0.3674, 0.4611 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 55.7556, 0.3674, 0.4611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

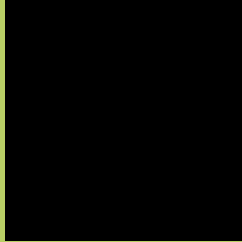
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7556, 0.3674, 0.4611

Background



This preview shows how black text looks on a background with the Yxy color 55.7556, 0.3674, 0.4611.



This preview shows how white text looks on a background with the Yxy color 55.7556, 0.3674, 0.4611.

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

55.7556, 0.3674, 0.4611

Protanopia

55.5661, 0.4032, 0.4412

Deuteranopia

55.2820, 0.4251, 0.4149



Tritanopia

55.5537, 0.3034, 0.3111

Trichromacy



Original Color

55.7556, 0.3674, 0.4611

Protanomaly

55.6533, 0.3897, 0.4489

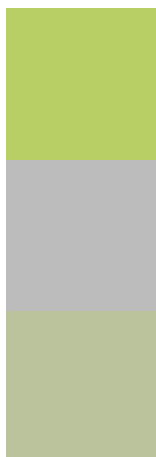
Deuteranomaly

54.7987, 0.4037, 0.4312

Tritanomaly

54.9556, 0.3286, 0.3654

Monochromacy



Original Color

55.7556, 0.3674, 0.4611

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.9953, 0.3357, 0.3793

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7556, 0.3674, 0.4611 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(184, 207, 101)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 101)  
}
```

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(184, 207, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 101) }
```

Border

The CSS property to change the border of an element to Yxy 55.7556, 0.3674, 0.4611 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(184, 207, 101) }
```

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

```
.border{ border-color:rgb(184, 207, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 207, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 101);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7556, 0.3674, 0.4611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 101) }
```

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

```
.background{ background-color: rgb(184,  
207, 101) }
```

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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