

Converting Colors

Yxy(55.6753, 0.3654, 0.4621)

Have a look what the booklet for
Yxy(55.6753, 0.3654, 0.4621)
contains.

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Color

Yxy(55.5103, 0.3657, 0.4619)

Conversions

Conversions Part 1

Format	Color
Hex	B6CF65
RGB	182, 207, 101
RGB Percent	71%, 81%, 40%
CMY	0.2864, 0.1882, 0.6038
CMYK	0.12, 0.00, 0.51, 0.19
HSL	74°, 52%, 60%
HSV	74°, 51%, 81%
XYZ	43.9492, 55.5103, 20.7187
YIQ	187.4410, 19.1260, -38.2660

Conversions

Conversions Part 2

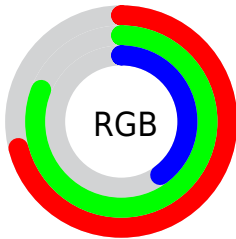
Format	Color
RYB	101, 207, 126
Decimal	11980645
CIELab	79.33, -24.28, 49.33
CIELCh	79, 54.987, 116.207
Yxy	55.5103, 0.3657, 0.4619
Android (android.graphics.Color)	4290170725 (0xFFB6CF65)
YUV	187.4410, -42.6154, -4.7718
Hunter-Lab	74.5052, -25.0906, 35.6661

Details

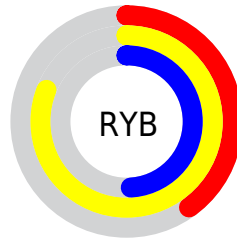
The Yxy color **55.5103, 0.3657, 0.4619** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.2616, 0.2358, 0.1755**, and the grayscale version is **50.1940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3784, 0.3619, 0.4312**, and **27.5162, 0.3740, 0.4972** is the 20% darker color. If you saturate the color by 10%, you get **54.5715, 0.3728, 0.4852**, and if you desaturate by 10%, it is **56.5771, 0.3569, 0.4364**.

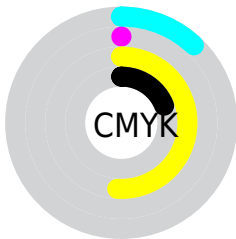
Distribution



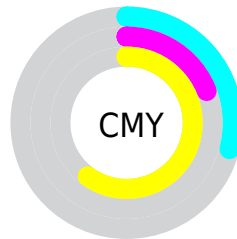
- Red (71%)
- Green (81%)
- Blue (40%)



- Red (40%)
- Yellow (81%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (51%)
- Black (19%)





- Cyan (29%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5103, 0.3657, 0.4619 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 55.5103, 0.3657, 0.4619 by changing the saturation by 10% instead.

 55.5103, 0.3657,
0.4619


 55.5103, 0.3657,
0.4619

407.8434, 0.3432,
0.3961

 39.8104, 0.3698,
0.4775


 98.2882, 0.3586,
0.4385


 27.3908, 0.3741,
0.4969


 126.1351, 0.3556,
0.4295

 17.8669, 0.3780,
0.5212


 158.7997, 0.3529,
0.4218

 10.8545, 0.3802,
0.5521

 196.6665, 0.3505,
0.4152

 5.9691, 0.3862,
0.6050

240.1199, 0.3484,
0.4095

 2.8263, 0.3608,
0.6392

289.5442, 0.3465,

 1.0417, 0.2721,

0.4045

0.7279

345.3239, 0.3447,
0.4000

0.0000, 0.0000,
0.0000

55.5103, 0.3657,
0.4619

55.5103, 0.3657,
0.4619

54.5715, 0.3728,
0.4852

56.5771, 0.3569,
0.4364

53.7452, 0.3776,
0.5051

57.7716, 0.3468,
0.4097

53.0248, 0.3799,
0.5208

59.1029, 0.3360,
0.3829

52.3992, 0.3797,
0.5318

60.5771, 0.3250,
0.3567

51.9098, 0.3778,
0.5382

62.2000, 0.3140,
0.3319

■ 63.9768, 0.3034,
0.3086

■ 65.9127, 0.2933,
0.2871

■ 67.2394, 0.2909,
0.2786

■ 68.0190, 0.2943,
0.2791

Harmonies

Analogous

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



55.5103, 0.4247, 0.4352



55.5103, 0.3657, 0.4619



55.5103, 0.2960, 0.4436

Triad

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



55.5103, 0.3657, 0.4619



55.5103, 0.1872, 0.2484



55.5103, 0.3903, 0.2819

Complementary

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



55.5103, 0.3657, 0.4619



18.2616, 0.2358, 0.1755

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.



55.5103, 0.3165, 0.2427



55.5103, 0.3657, 0.4619



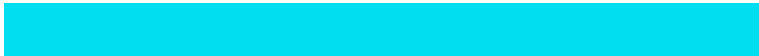
55.5103, 0.2052, 0.2218

Square

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



55.5103, 0.3657, 0.4619



55.5103, 0.1966, 0.3036



55.5103, 0.2497, 0.2211



55.5103, 0.4438, 0.3323

Rectangle

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



55.5103, 0.3657, 0.4619



55.5103, 0.2530, 0.4041



55.5103, 0.2497, 0.2211



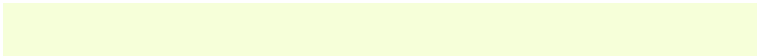
55.5103, 0.3665, 0.2672

Sweetspot

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



55.5128, 0.3657, 0.4619



96.1026, 0.3294, 0.3670



29.0687, 0.4404, 0.3605



20.4621, 0.3318, 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.



55.5128, 0.3657, 0.4619



87.3725, 0.3731, 0.4864



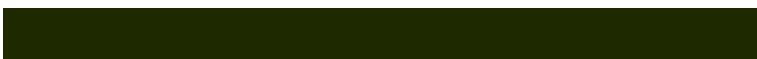
50.2618, 0.3238, 0.4820



13.6510, 0.3230, 0.3522



32.7466, 0.3784, 0.5378



1.8659, 0.3862, 0.5315

Inverse Universe

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



18.2616, 0.2358, 0.1755



21.4807, 0.2165, 0.1420



23.3741, 0.2882, 0.1955



11.5506, 0.3018, 0.3052



3.2849, 0.1636, 0.0675



0.2209, 0.1826, 0.0780

Previews

White Background



This preview shows how the Yxy color 55.5103, 0.3657, 0.4619 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 55.5103, 0.3657, 0.4619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

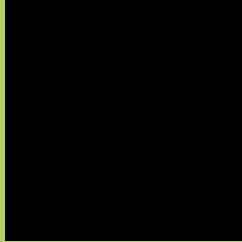
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5103, 0.3657, 0.4619

Background



This preview shows how black text looks on a background with the Yxy color 55.5103, 0.3657, 0.4619.



This preview shows how white text looks on a background with the Yxy color 55.5103, 0.3657, 0.4619.

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

55.5103, 0.3657, 0.4619

Protanopia

55.1134, 0.4038, 0.4402

Deuteranopia

55.1065, 0.4243, 0.4152



Tritanopia

55.2855, 0.3018, 0.3110

Trichromacy



Original Color

55.5103, 0.3657, 0.4619

Protanomaly

55.0468, 0.3894, 0.4484

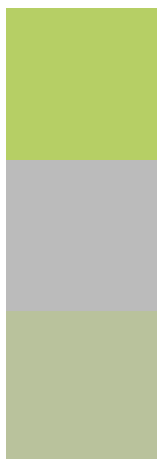
Deuteranomaly

54.6431, 0.4029, 0.4316

Tritanomaly

54.6963, 0.3269, 0.3656

Monochromacy



Original Color

55.5103, 0.3657, 0.4619

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.2982, 0.3342, 0.3784

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5103, 0.3657, 0.4619 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(182, 207, 101)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 207, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 101) }
```

Border

The CSS property to change the border of an element to Yxy 55.5103, 0.3657, 0.4619 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(182, 207, 101) }
```

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

```
.border{ border-color:rgb(182, 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(182, 207, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 207, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 207, 101);  
box-shadow:4px 4px 4px 4px rgb(182, 207,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5103, 0.3657, 0.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 101) }
```

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

```
.background{ background-color: rgb(182,  
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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