

Converting Colors

Yxy(59.3374, 0.3485, 0.4358)

Have a look what the booklet for
Yxy(59.3374, 0.3485, 0.4358)
contains.

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Color

Yxy(59.3374, 0.3485, 0.4358)

Conversions

Conversions Part 1

Format	Color
Hex	B8D580
RGB	184, 213, 128
RGB Percent	72%, 84%, 50%
CMY	0.2786, 0.1646, 0.4981
CMYK	0.14, 0.00, 0.40, 0.16
HSL	80°, 50%, 67%
HSV	80°, 40%, 84%
XYZ	47.4509, 59.3374, 29.3692
YIQ	194.6390, 10.0010, -32.5830

Conversions

Conversions Part 2

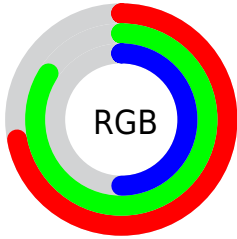
Format	Color
RYB	128, 213, 157
Decimal	12113280
CIELab	81.48, -23.51, 38.84
CIElCh	81, 45.401, 121.187
Yxy	59.3374, 0.3485, 0.4358
Android (android.graphics.Color)	4290303360 (0xFFB8D580)
YUV	194.6390, -32.8530, -9.3304
Hunter-Lab	77.0308, -24.8481, 31.3163

Details

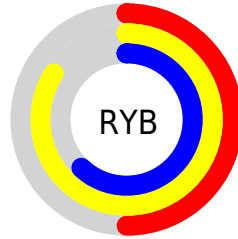
The Yxy color **59.3374, 0.3485, 0.4358** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **27.4115, 0.2638, 0.2149**, and the grayscale version is **54.5392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5982, 0.3467, 0.4032**, and **29.7354, 0.3554, 0.4641** is the 20% darker color. If you saturate the color by 10%, you get **57.9612, 0.3556, 0.4632**, and if you desaturate by 10%, it is **60.8828, 0.3402, 0.4078**.

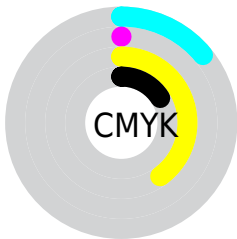
Distribution



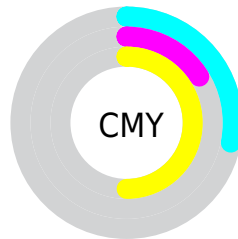
- Red (72%)
- Green (84%)
- Blue (50%)



- Red (50%)
- Yellow (84%)
- Blue (62%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3374, 0.3485, 0.4358 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 59.3374, 0.3485, 0.4358 by changing the saturation by 10% instead.

 59.3374, 0.3485,
0.4358

 59.3374, 0.3485,
0.4358


422.1511, 0.3331,
0.3829


 42.8848, 0.3515,
0.4486


 103.8679, 0.3435,
0.4168

 29.7947, 0.3548,
0.4647


 132.7145, 0.3415,
0.4096

 19.6828, 0.3583,
0.4854


 166.4613, 0.3397,
0.4035

 12.1647, 0.3615,
0.5129

205.4926, 0.3380,
0.3982

 6.8560, 0.3627,
0.5503

250.1929, 0.3366,
0.3937

 3.3722, 0.3722,
0.6278

300.9465, 0.3353,

 1.3290, 0.3229,

0.3896

0.6771

358.1377, 0.3342,
0.3861

■ 0.1635, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3374, 0.3485,
0.4358

■ 59.3374, 0.3485,
0.4358

■ 57.9612, 0.3556,
0.4632

■ 60.8828, 0.3402,
0.4078

■ 56.7383, 0.3611,
0.4889


■ 62.5970, 0.3312,
0.3801

■ 55.6622, 0.3644,
0.5114

■ 64.4896, 0.3219,
0.3537

■ 54.7229, 0.3652,
0.5298


■ 66.5670, 0.3126,
0.3288


 53.9084, 0.3636,
0.5433

 68.8354, 0.3036,
0.3058


 53.1978, 0.3599,
0.5524

 71.2492, 0.2956,
0.2856

 53.1921, 0.3599,
0.5524

 72.4621, 0.3006,
0.2863

 73.7256, 0.3056,
0.2869

 75.0404, 0.3107,
0.2876

Harmonies

Analogous

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



59.3374, 0.3988, 0.4224



59.3374, 0.3485, 0.4358



59.3374, 0.2912, 0.4129

Triad

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



59.3374, 0.3485, 0.4358



59.3374, 0.2092, 0.2585



59.3374, 0.3844, 0.2973

Complementary

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



59.3374, 0.3485, 0.4358



27.4115, 0.2638, 0.2149

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.



59.3374, 0.3265, 0.2619



59.3374, 0.3485, 0.4358



59.3374, 0.2285, 0.2388

Square

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



59.3374, 0.3485, 0.4358



59.3374, 0.2138, 0.3009



59.3374, 0.2696, 0.2409



59.3374, 0.4226, 0.3411

Rectangle

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



59.3374, 0.3485, 0.4358



59.3374, 0.2569, 0.3793



59.3374, 0.2696, 0.2409



59.3374, 0.3663, 0.2842

Sweetspot

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



59.3400, 0.3485, 0.4358



96.2545, 0.3240, 0.3594



39.5941, 0.3984, 0.3644



20.5204, 0.3252, 0.3628



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.



59.3400, 0.3485, 0.4358



87.3761, 0.3547, 0.4594



54.9187, 0.3167, 0.4474



14.2977, 0.3214, 0.3524



32.5456, 0.3607, 0.5518



2.0079, 0.3710, 0.5436

Inverse Universe

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



27.4115, 0.2638, 0.2149



32.9323, 0.2503, 0.1876



32.3605, 0.3034, 0.2270



12.2128, 0.3034, 0.3053



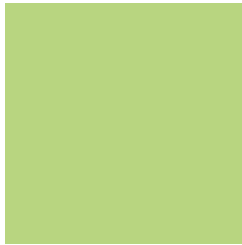
3.8452, 0.1762, 0.0744



0.2770, 0.1957, 0.0852

Previews

White Background



This preview shows how the Yxy color 59.3374, 0.3485, 0.4358 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 59.3374, 0.3485, 0.4358 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 59.3374, 0.3485, 0.4358

Background



This preview shows how black text looks on a background with the Yxy color 59.3374, 0.3485, 0.4358.



This preview shows how white text looks on a background with the Yxy color 59.3374, 0.3485, 0.4358.

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

59.3374, 0.3485, 0.4358

Protanopia

59.0684, 0.3864, 0.4182

Deuteranopia

58.8606, 0.4038, 0.3948



Tritanopia

59.0388, 0.2971, 0.3102

Trichromacy



Original Color

59.3374, 0.3485, 0.4358

Protanomaly

59.0332, 0.3729, 0.4250

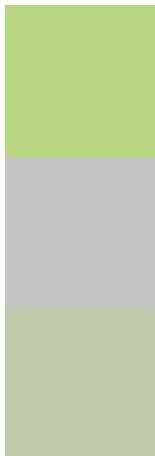
Deuteranomaly

58.4768, 0.3832, 0.4083

Tritanomaly

58.8519, 0.3168, 0.3547

Monochromacy



Original Color

59.3374, 0.3485, 0.4358

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.2577, 0.3266, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3374, 0.3485, 0.4358 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, 213, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 128)  
}
```

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, 213, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 128) }
```

Border

The CSS property to change the border of an element to Yxy 59.3374, 0.3485, 0.4358 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, 213, 128) }
```

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

```
.border{ border-color:rgb(184, 213, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 213, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 213, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 213, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 213,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3374, 0.3485, 0.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 128) }
```

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

```
.background{ background-color: rgb(184,  
213, 128) }
```

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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