

Converting Colors

$Yxy(50.4889, 0.3477, 0.4207)$

Have a look what the booklet for
Yxy(50.4889, 0.3477, 0.4207)
contains.

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Color

Yxy(50.3593, 0.3485, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	B1C47F
RGB	177, 196, 127
RGB Percent	69%, 77%, 50%
CMY	0.3058, 0.2314, 0.5019
CMYK	0.10, 0.00, 0.35, 0.23
HSL	77°, 37%, 63%
HSV	77°, 35%, 77%
XYZ	41.7068, 50.3593, 27.6091
YIQ	182.4530, 10.8250, -25.4870

Conversions

Conversions Part 2

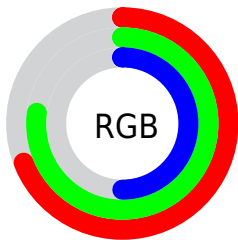
Format	Color
RYB	127, 196, 146
Decimal	11650175
CIELab	76.29, -17.85, 32.53
CIELCh	76, 37.106, 118.752
Yxy	50.3593, 0.3485, 0.4208
Android (android.graphics.Color)	4289840255 (0xFFB1C47F)
YUV	182.4530, -27.3383, -4.7823
Hunter-Lab	70.9643, -19.2803, 26.6079

Details

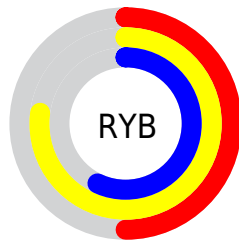
The Yxy color **50.3593, 0.3485, 0.4208** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.2823, 0.2668, 0.2293**, and the grayscale version is **47.1906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8695, 0.3428, 0.4048**, and **24.0928, 0.3556, 0.4467** is the 20% darker color. If you saturate the color by 10%, you get **49.2781, 0.3574, 0.4476**, and if you desaturate by 10%, it is **51.5694, 0.3387, 0.3937**.

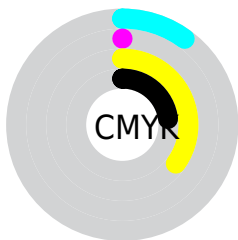
Distribution



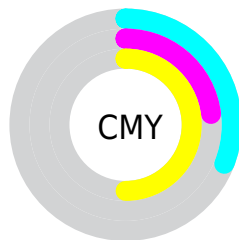
- Red (69%)
- Green (77%)
- Blue (50%)



- Red (50%)
- Yellow (77%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)





- Cyan (31%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3593, 0.3485, 0.4208 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 50.3593, 0.3485, 0.4208 by changing the saturation by 10% instead.


 50.3593, 0.3485,
0.4208


 50.3593, 0.3485,
0.4208


388.0694, 0.3321,
0.3743


 35.6990, 0.3520,
0.4324


 90.7070, 0.3429,
0.4038

 24.2018, 0.3562,
0.4473


 117.1632, 0.3407,
0.3975

 15.4834, 0.3610,
0.4668


 148.3201, 0.3388,
0.3921

 9.1593, 0.3662,
0.4935

184.5621, 0.3371,
0.3875

 4.8453, 0.3707,
0.5313

226.2736, 0.3356,
0.3836

 2.1568, 0.3864,
0.6136

273.8391, 0.3343,

 0.6963, 0.2451,

0.3801

0.7549

327.6429, 0.3331,
0.3770

0.0000, 0.0000,
0.0000

50.3593, 0.3485,
0.4208

50.3593, 0.3485,
0.4208

49.2781, 0.3574,
0.4476

51.5694, 0.3387,
0.3937

48.3131, 0.3649,
0.4730

52.9073, 0.3284,
0.3670

47.4598, 0.3704,
0.4959


54.3805, 0.3180,
0.3416

46.7107, 0.3737,
0.5150


55.9938, 0.3079,
0.3177


46.0572, 0.3744,
0.5297

57.7520, 0.2981,
0.2957


 45.4888, 0.3726,
0.5397

 59.6593, 0.2889,
0.2755

 45.2359, 0.3713,
0.5434

 61.1116, 0.2861,
0.2659

 61.9404, 0.2899,
0.2666

 62.7964, 0.2938,
0.2673

Harmonies

Analogous

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



50.3593, 0.3907, 0.4086



50.3593, 0.3485, 0.4208



50.3593, 0.2986, 0.4032

Triad

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



50.3593, 0.3485, 0.4208



50.3593, 0.2215, 0.2704



50.3593, 0.3710, 0.2987

Complementary

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



50.3593, 0.3485, 0.4208



25.2823, 0.2668, 0.2293

Split Complementary

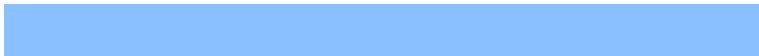
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.3593, 0.3208, 0.2681



50.3593, 0.3485, 0.4208



50.3593, 0.2370, 0.2509

Square

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



50.3593, 0.3485, 0.4208



50.3593, 0.2276, 0.3092



50.3593, 0.2720, 0.2508



50.3593, 0.4058, 0.3372

Rectangle

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



50.3593, 0.3485, 0.4208



50.3593, 0.2680, 0.3760



50.3593, 0.2720, 0.2508



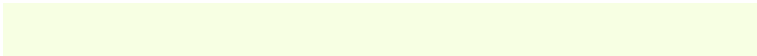
50.3593, 0.3551, 0.2873

Sweetspot

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



50.3615, 0.3485, 0.4208



96.8887, 0.3242, 0.3567



33.6475, 0.3869, 0.3539



20.6607, 0.3256, 0.3602



0.0000, 0.0000, 0.0000



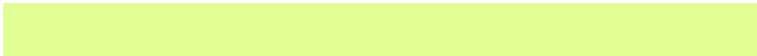
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.3615, 0.3485, 0.4208



89.7479, 0.3553, 0.4409



46.8624, 0.3201, 0.4296



11.6145, 0.3223, 0.3520



29.1112, 0.3719, 0.5429



1.2906, 0.3830, 0.5341

Inverse Universe

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



25.2823, 0.2668, 0.2293



37.7590, 0.2545, 0.2052



28.8628, 0.3002, 0.2383



9.8791, 0.3025, 0.3055



3.1009, 0.1681, 0.0700



0.1695, 0.1932, 0.0838

Previews

White Background



This preview shows how the Yxy color 50.3593, 0.3485, 0.4208 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 50.3593, 0.3485, 0.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

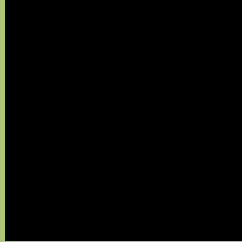
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3593, 0.3485, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 50.3593, 0.3485, 0.4208.



This preview shows how white text looks on a background with the Yxy color 50.3593, 0.3485, 0.4208.

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

50.3593, 0.3485, 0.4208

Protanopia

50.2590, 0.3779, 0.4083

Deuteranopia

50.1285, 0.3943, 0.3864



Tritanopia

50.3697, 0.3014, 0.3103

Trichromacy



Original Color

50.3593, 0.3485, 0.4208

Protanomaly

50.2116, 0.3668, 0.4131

Deuteranomaly

49.9949, 0.3768, 0.3981

Tritanomaly

49.9893, 0.3184, 0.3484

Monochromacy



Original Color

50.3593, 0.3485, 0.4208

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.8526, 0.3263, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3593, 0.3485, 0.4208 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(177, 196, 127)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 127)  
}
```

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(177, 196, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 127) }
```

Border

The CSS property to change the border of an element to Yxy 50.3593, 0.3485, 0.4208 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(177, 196, 127) }
```

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

```
.border{ border-color:rgb(177, 196, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 196, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 196, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 196, 127); box-shadow:4px 4px 4px 4px rgb(177, 196, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3593, 0.3485, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 127) }
```

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

```
.background{ background-color: rgb(177,  
196, 127) }
```

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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