

Converting Colors

$Yxy(47.4720, 0.3684, 0.4588)$

Have a look what the booklet for
Yxy(47.4720, 0.3684, 0.4588)
contains.

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Color

Yxy(47.4097, 0.3685, 0.4580)

Conversions

Conversions Part 1

Format	Color
Hex	ADC05F
RGB	173, 192, 95
RGB Percent	68%, 75%, 37%
CMY	0.3216, 0.2470, 0.6276
CMYK	0.10, 0.00, 0.51, 0.25
HSL	72°, 44%, 56%
HSV	72°, 51%, 75%
XYZ	38.1451, 47.4097, 17.9598
YIQ	175.2610, 19.8130, -34.1950

Conversions

Conversions Part 2

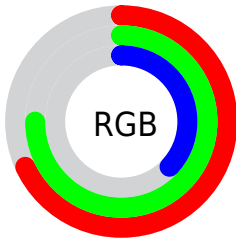
Format	Color
RYB	95, 192, 114
Decimal	11386975
CIELab	74.45, -21.06, 46.27
CIELCh	74, 50.836, 114.479
Yxy	47.4097, 0.3685, 0.4580
Android (android.graphics.Color)	4289577055 (0xFFADC05F)
YUV	175.2610, -39.5687, -1.9829
Hunter-Lab	68.8547, -21.6077, 32.7333

Details

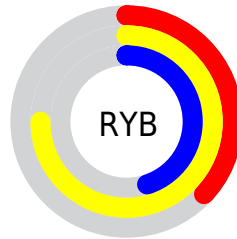
The Yxy color **47.4097, 0.3685, 0.4580** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **15.5629, 0.2337, 0.1770**, and the grayscale version is **43.2118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0959, 0.3604, 0.4337**, and **22.5690, 0.3785, 0.4939** is the 20% darker color. If you saturate the color by 10%, you get **46.6816, 0.3764, 0.4807**, and if you desaturate by 10%, it is **48.2402, 0.3589, 0.4331**.

Distribution



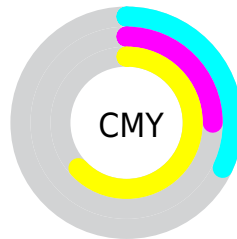
- Red (68%)
- Green (75%)
- Blue (37%)



- Red (37%)
- Yellow (75%)
- Blue (45%)



- Cyan (10%)
- Magenta (0%)
- Yellow (51%)
- Black (25%)




- Cyan (32%)
- Magenta (25%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4097, 0.3685, 0.4580 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 47.4097, 0.3685, 0.4580 by changing the saturation by 10% instead.


 47.4097, 0.3685,
0.4580


 47.4097, 0.3685,
0.4580


376.4475, 0.3437,
0.3926


 33.3597, 0.3733,
0.4740


 86.3249, 0.3604,
0.4344

 22.4021, 0.3784,
0.4940

 111.9588, 0.3571,
0.4254

 14.1527, 0.3834,
0.5194


 142.2227, 0.3542,
0.4178

 8.2269, 0.3865,
0.5520

 177.5012, 0.3516,
0.4113

 4.2405, 0.3924,
0.6076

218.1785, 0.3493,
0.4057

 1.8090, 0.3599,
0.6401

264.6390, 0.3472,

 0.4928, 0.0000,

0.4008

1.0000

317.2673, 0.3453,
0.3965

0.0000, 0.0000,
0.0000

47.4097, 0.3685,
0.4580

47.4097, 0.3685,
0.4580

46.6816, 0.3764,
0.4807

48.2402, 0.3589,
0.4331

46.0430, 0.3822,
0.5000

49.1725, 0.3480,
0.4070

45.4886, 0.3854,
0.5152

50.2143, 0.3366,
0.3806

45.0095, 0.3862,
0.5259

51.3704, 0.3249,
0.3549

44.6094, 0.3850,
0.5325

52.6456, 0.3133,
0.3303

■ 54.0441, 0.3022,
0.3072

■ 55.5702, 0.2916,
0.2858

■ 57.2278, 0.2817,
0.2663

■ 58.1697, 0.2803,
0.2605

Harmonies

Analogous

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



47.4097, 0.4249, 0.4306



47.4097, 0.3685, 0.4580



47.4097, 0.3005, 0.4427

Triad

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



47.4097, 0.3685, 0.4580



47.4097, 0.1897, 0.2528



47.4097, 0.3845, 0.2805

Complementary

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



47.4097, 0.3685, 0.4580



15.5629, 0.2337, 0.1770

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.



47.4097, 0.3123, 0.2428



47.4097, 0.3685, 0.4580



47.4097, 0.2059, 0.2250

Square

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



47.4097, 0.3685, 0.4580



47.4097, 0.2006, 0.3084



47.4097, 0.2481, 0.2229



47.4097, 0.4384, 0.3295

Rectangle

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



47.4097, 0.3685, 0.4580



47.4097, 0.2579, 0.4059



47.4097, 0.2481, 0.2229



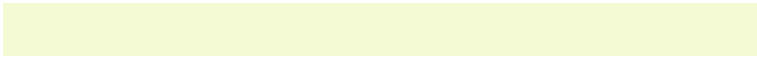
47.4097, 0.3610, 0.2663

Sweetspot

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



47.4118, 0.3685, 0.4580



92.0583, 0.3304, 0.3669



23.7909, 0.4409, 0.3534



19.6548, 0.3329, 0.3724



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



47.4118, 0.3685, 0.4580



84.3984, 0.3774, 0.4837



42.9423, 0.3276, 0.4773



11.6554, 0.3235, 0.3520



30.0467, 0.3854, 0.5322



1.3243, 0.3934, 0.5258

Inverse Universe

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



15.5629, 0.2337, 0.1770



20.0695, 0.2122, 0.1403



19.5920, 0.2833, 0.1957



9.8409, 0.3013, 0.3054



2.8600, 0.1602, 0.0656



0.1526, 0.1816, 0.0774

Previews

White Background



This preview shows how the Yxy color 47.4097, 0.3685, 0.4580 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 47.4097, 0.3685, 0.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

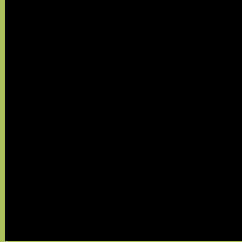
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4097, 0.3685, 0.4580

Background



This preview shows how black text looks on a background with the Yxy color 47.4097, 0.3685, 0.4580.



This preview shows how white text looks on a background with the Yxy color 47.4097, 0.3685, 0.4580.

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

47.4097, 0.3685, 0.4580

Protanopia

47.1962, 0.4025, 0.4395

Deuteranopia

47.0202, 0.4241, 0.4143



Tritanopia

47.3022, 0.3051, 0.3112

Trichromacy



Original Color

47.4097, 0.3685, 0.4580

Protanomaly

46.9845, 0.3897, 0.4463

Deuteranomaly

46.9087, 0.4024, 0.4299

Tritanomaly

47.0249, 0.3299, 0.3636

Monochromacy



Original Color

47.4097, 0.3685, 0.4580

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.1217, 0.3350, 0.3773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4097, 0.3685, 0.4580 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(173, 192, 95)` looks like.

```
.text, #text, p{  
    color:rgb(173, 192, 95)  
}
```

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(173, 192, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 192, 95) }
```

Border

The CSS property to change the border of an element to Yxy 47.4097, 0.3685, 0.4580 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(173, 192, 95) }
```

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

```
.border{ border-color:rgb(173, 192, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 192, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 192, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 192, 95);  
box-shadow:4px 4px 4px 4px rgb(173, 192,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4097, 0.3685, 0.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 192, 95) }
```

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

```
.background{ background-color: rgb(173,  
192, 95) }
```

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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