

Converting Colors

$Yxy(48.7796, 0.3409, 0.4290)$

Have a look what the booklet for
Yxy(48.7796, 0.3409, 0.4290)
contains.

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Color

Yxy(48.9092, 0.3410, 0.4295)

Conversions

Conversions Part 1

Format	Color
Hex	A5C47B
RGB	165, 196, 123
RGB Percent	65%, 77%, 48%
CMY	0.3530, 0.2313, 0.5176
CMYK	0.16, 0.00, 0.37, 0.23
HSL	85°, 38%, 63%
HSV	85°, 37%, 77%
XYZ	38.8313, 48.9092, 26.1343
YIQ	178.4090, 4.9570, -29.2750

Conversions

Conversions Part 2

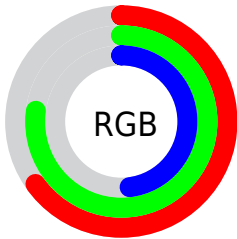
Format	Color
RYB	123, 196, 154
Decimal	10863739
CIELab	75.39, -22.93, 33.28
CIELCh	75, 40.420, 124.568
Yxy	48.9092, 0.3410, 0.4295
Android (android.graphics.Color)	4289053819 (0xFFA5C47B)
YUV	178.4090, -27.3166, -11.7597
Hunter-Lab	69.9351, -23.2748, 26.7983

Details

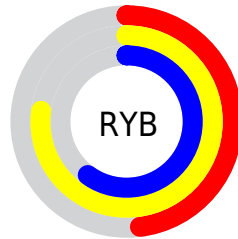
The Yxy color **48.9092, 0.3410, 0.4295** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.0253, 0.2740, 0.2257**, and the grayscale version is **44.8951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7573, 0.3371, 0.4111**, and **23.2718, 0.3463, 0.4590** is the 20% darker color. If you saturate the color by 10%, you get **47.6045, 0.3470, 0.4583**, and if you desaturate by 10%, it is **50.3746, 0.3339, 0.4008**.

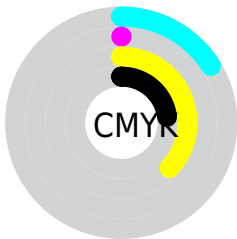
Distribution



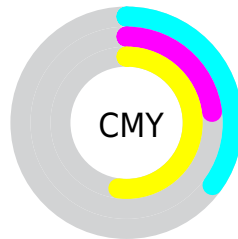
- Red (65%)
- Green (77%)
- Blue (48%)



- Red (48%)
- Yellow (77%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (37%)
- Black (23%)





- Cyan (35%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9092, 0.3410, 0.4295 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 48.9092, 0.3410, 0.4295 by changing the saturation by 10% instead.


 48.9092, 0.3410,
0.4295


 48.9092, 0.3410,
0.4295


382.3848, 0.3285,
0.3779


 34.5475, 0.3435,
0.4426


 88.5566, 0.3369,
0.4105

 23.3145, 0.3462,
0.4595


 114.6110, 0.3352,
0.4035

 14.8259, 0.3490,
0.4819


 145.3318, 0.3338,
0.3975

 8.6973, 0.3512,
0.5129

181.1033, 0.3325,
0.3924

 4.5443, 0.3513,
0.5585

222.3100, 0.3313,
0.3881

 1.9824, 0.3525,
0.6475

269.3362, 0.3303,

 0.5972, 0.0129,

0.3842

0.9871

322.5663, 0.3293,
0.3809

0.0000, 0.0000,
0.0000

48.9092, 0.3410,
0.4295

48.9092, 0.3410,
0.4295

47.6045, 0.3470,
0.4583

50.3746, 0.3339,
0.4008

46.4471, 0.3516,
0.4859

52.0007, 0.3263,
0.3730

45.4315, 0.3542,
0.5110


53.7958, 0.3184,
0.3468

44.5491, 0.3545,
0.5322

55.7656, 0.3106,
0.3225

43.7901, 0.3525,
0.5486

57.9154, 0.3029,
0.3003


 43.1413, 0.3484,
0.5599

 60.2504, 0.2957,
0.2802

 42.9757, 0.3471,
0.5626

 62.4353, 0.2922,
0.2670

 63.7930, 0.2982,
0.2681

 65.2166, 0.3043,
0.2692

Harmonies

Analogous

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



48.9092, 0.3902, 0.4208



48.9092, 0.3410, 0.4295



48.9092, 0.2866, 0.4037

Triad

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



48.9092, 0.3410, 0.4295



48.9092, 0.2148, 0.2588



48.9092, 0.3862, 0.3034

Complementary

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



48.9092, 0.3410, 0.4295



25.0253, 0.2740, 0.2257

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.



48.9092, 0.3324, 0.2681



48.9092, 0.3410, 0.4295



48.9092, 0.2358, 0.2421

Square

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



48.9092, 0.3410, 0.4295



48.9092, 0.2167, 0.2971



48.9092, 0.2773, 0.2462



48.9092, 0.4193, 0.3458

Rectangle

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



48.9092, 0.3410, 0.4295



48.9092, 0.2549, 0.3705



48.9092, 0.2773, 0.2462



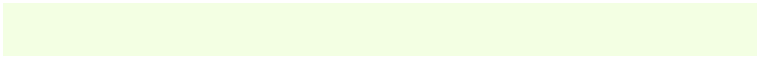
48.9092, 0.3696, 0.2905

Sweetspot

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



48.9113, 0.3410, 0.4295



96.1328, 0.3215, 0.3569



36.0880, 0.3873, 0.3697



20.4802, 0.3226, 0.3605



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.



48.9113, 0.3410, 0.4295



86.5785, 0.3462, 0.4539



45.5869, 0.3120, 0.4392



11.5383, 0.3201, 0.3522



27.6636, 0.3481, 0.5618



1.2352, 0.3638, 0.5494

Inverse Universe

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



25.0253, 0.2740, 0.2257



36.8681, 0.2626, 0.1998



29.0906, 0.3106, 0.2362



9.9524, 0.3048, 0.3057



3.7988, 0.1896, 0.0818



0.2047, 0.2156, 0.0961

Previews

White Background



This preview shows how the Yxy color 48.9092, 0.3410, 0.4295 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 48.9092, 0.3410, 0.4295 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 48.9092, 0.3410, 0.4295

Background



This preview shows how black text looks on a background with the Yxy color 48.9092, 0.3410, 0.4295.



This preview shows how white text looks on a background with the Yxy color 48.9092, 0.3410, 0.4295.

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

48.9092, 0.3410, 0.4295

Protanopia

48.5864, 0.3814, 0.4115

Deuteranopia

48.3487, 0.3965, 0.3883



Tritanopia

48.5650, 0.2934, 0.3098

Trichromacy



Original Color

48.9092, 0.3410, 0.4295

Protanomaly

48.5701, 0.3669, 0.4185

Deuteranomaly

48.2048, 0.3754, 0.4021

Tritanomaly

48.6147, 0.3108, 0.3517

Monochromacy



Original Color

48.9092, 0.3410, 0.4295

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

46.0508, 0.3237, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9092, 0.3410, 0.4295 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(165, 196, 123)` looks like.

```
.text, #text, p{  
    color:rgb(165, 196, 123)  
}
```

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(165, 196, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 196, 123) }
```

Border

The CSS property to change the border of an element to Yxy 48.9092, 0.3410, 0.4295 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(165, 196, 123) }
```

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

```
.border{ border-color:rgb(165, 196, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 196, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 196, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 196, 123);  
box-shadow:4px 4px 4px 4px rgb(165, 196,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9092, 0.3410, 0.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 196, 123) }
```

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

```
.background{ background-color: rgb(165,  
196, 123) }
```

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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