

Converting Colors

$Yxy(48.2506, 0.2848, 0.4045)$

Have a look what the booklet for
Yxy(48.2506, 0.2848, 0.4045)
contains.

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Color

Yxy(48.2211, 0.2846, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	74CA98
RGB	116, 202, 152
RGB Percent	45%, 79%, 60%
CMY	0.5450, 0.2079, 0.4038
CMYK	0.43, 0.00, 0.25, 0.21
HSL	145°, 45%, 62%
HSV	145°, 43%, 79%
XYZ	33.9949, 48.2211, 37.2319
YIQ	170.5860, -35.2060, -33.7820

Conversions

Conversions Part 2

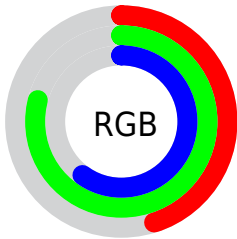
Format	Color
RYB	116, 177, 202
Decimal	7654040
CIELab	74.96, -37.17, 16.98
CIElCh	75, 40.863, 155.449
Yxy	48.2211, 0.2846, 0.4037
Android (android.graphics.Color)	4285844120 (0xFF74CA98)
YUV	170.5860, -9.1629, -47.8719
Hunter-Lab	69.4414, -34.1383, 16.8199

Details

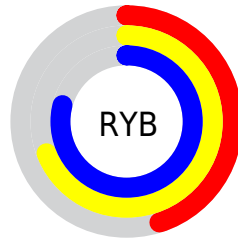
The Yxy color **48.2211, 0.2846, 0.4037** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **27.8073, 0.3578, 0.2654**, and the grayscale version is **40.5714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6342, 0.2899, 0.3852**, and **22.7991, 0.2752, 0.4266** is the 20% darker color. If you saturate the color by 10%, you get **46.6196, 0.2799, 0.4254**, and if you desaturate by 10%, it is **50.1656, 0.2903, 0.3834**.

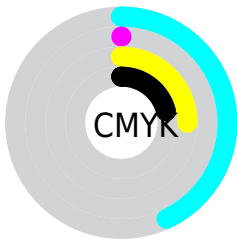
Distribution



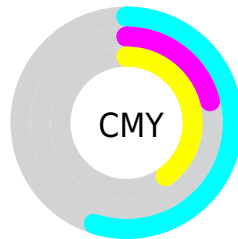
- Red (45%)
- Green (79%)
- Blue (60%)



- Red (45%)
- Yellow (69%)
- Blue (79%)



- Cyan (43%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)





- Cyan (55%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2211, 0.2846, 0.4037 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 48.2211, 0.2846, 0.4037 by changing the saturation by 10% instead.


 48.2211, 0.2846,
0.4037


 48.2211, 0.2846,
0.4037


379.6678, 0.2995,
0.3648

 34.0020, 0.2806,
0.4139


 87.5335, 0.2902,
0.3892

 22.8951, 0.2754,
0.4274


 113.3956, 0.2922,
0.3838

 14.5161, 0.2681,
0.4458


 143.9075, 0.2939,
0.3794

 8.4805, 0.2575,
0.4724

179.4536, 0.2954,
0.3756

 4.4039, 0.2405,
0.5142

220.4183, 0.2966,
0.3723

 1.9020, 0.2094,
0.5970

267.1860, 0.2977,

 0.5496, 0.0000,

0.3695

1.0000

320.1410, 0.2986,
0.3670

0.0000, 0.0000,
0.0000

48.2211, 0.2846,
0.4037

48.2211, 0.2846,
0.4037

46.6196, 0.2799,
0.4254

50.1656, 0.2903,
0.3834

45.3344, 0.2767,
0.4479

52.4662, 0.2968,
0.3647

44.3443, 0.2751,
0.4706


55.1425, 0.3037,
0.3478

43.6227, 0.2754,
0.4928

58.2107, 0.3109,
0.3326


43.1379, 0.2776,
0.5137

61.6862, 0.3180,
0.3192

 42.8894, 0.2800,
0.5281

 65.5837, 0.3251,
0.3073

 69.4533, 0.3300,
0.2968

 70.1516, 0.3215,
0.2855

 70.7202, 0.3151,
0.2772

Harmonies

Analogous

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



48.2211, 0.3397, 0.4309



48.2211, 0.2846, 0.4037



48.2211, 0.2396, 0.3501

Triad

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



48.2211, 0.2846, 0.4037



48.2211, 0.2357, 0.2407



48.2211, 0.4215, 0.3473

Complementary

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



48.2211, 0.2846, 0.4037



27.8073, 0.3578, 0.2654

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.



48.2211, 0.3887, 0.3041



48.2211, 0.2846, 0.4037



48.2211, 0.2783, 0.2455

Square

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



48.2211, 0.2846, 0.4037



48.2211, 0.2138, 0.2569



48.2211, 0.3344, 0.2681



48.2211, 0.4211, 0.3902

Rectangle

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



48.2211, 0.2846, 0.4037



48.2211, 0.2206, 0.3121



48.2211, 0.3344, 0.2681



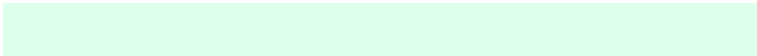
48.2211, 0.4139, 0.3325

Sweetspot

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



48.2231, 0.2846, 0.4037



93.0664, 0.3033, 0.3488



51.6281, 0.3450, 0.4449



19.6929, 0.3017, 0.3524



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.



48.2231, 0.2846, 0.4037



79.1472, 0.2803, 0.4234



49.8879, 0.2592, 0.3389



12.6136, 0.3060, 0.3428



27.6163, 0.2793, 0.5256



1.4397, 0.2684, 0.4862

Inverse Universe

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



27.8073, 0.3578, 0.2654



40.1103, 0.3720, 0.2526



26.4889, 0.4130, 0.3199



11.3212, 0.3201, 0.3156



8.9310, 0.4603, 0.2310



0.4757, 0.4259, 0.2120

Previews

White Background



This preview shows how the Yxy color 48.2211, 0.2846, 0.4037 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 48.2211, 0.2846, 0.4037 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 48.2211, 0.2846, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 48.2211, 0.2846, 0.4037.



This preview shows how white text looks on a background with the Yxy color 48.2211, 0.2846, 0.4037.

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

48.2211, 0.2846, 0.4037

Protanopia

47.5859, 0.3571, 0.3805

Deuteranopia

47.7275, 0.3607, 0.3537



Tritanopia

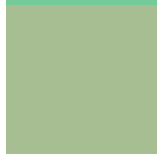
47.9825, 0.2569, 0.3071

Trichromacy



Original Color

48.2211, 0.2846, 0.4037



Protanomaly

47.1177, 0.3271, 0.3899



Deuteranomaly

46.7145, 0.3286, 0.3709



Tritanomaly

47.9666, 0.2667, 0.3402

Monochromacy



Original Color

48.2211, 0.2846, 0.4037



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

42.7155, 0.3007, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2211, 0.2846, 0.4037 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(116, 202, 152)` looks like.

```
.text, #text, p{  
    color:rgb(116, 202, 152)  
}
```

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(116, 202, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 202, 152) }
```

Border

The CSS property to change the border of an element to Yxy 48.2211, 0.2846, 0.4037 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(116, 202, 152) }
```

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

```
.border{ border-color:rgb(116, 202, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 202, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 202, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 202, 152); box-shadow:4px 4px 4px 4px rgb(116, 202, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2211, 0.2846, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 202, 152) }
```

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

```
.background{ background-color: rgb(116,  
202, 152) }
```

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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