

Converting Colors

$Yxy(48.4457, 0.3098, 0.3634)$

Have a look what the booklet for
Yxy(48.4457, 0.3098, 0.3634)
contains.

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Color

Yxy(48.4886, 0.3095, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	A5C0A7
RGB	165, 192, 167
RGB Percent	65%, 75%, 65%
CMY	0.3530, 0.2470, 0.3450
CMYK	0.14, 0.00, 0.13, 0.25
HSL	124°, 18%, 70%
HSV	124°, 14%, 75%
XYZ	41.3422, 48.4886, 43.7466
YIQ	181.0770, -8.0670, -13.4990

Conversions

Conversions Part 2

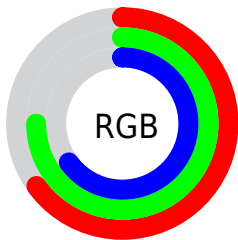
Format	Color
RYB	165, 190, 192
Decimal	10862759
CIELab	75.13, -13.97, 9.55
CIELCh	75, 16.921, 145.659
Yxy	48.4886, 0.3095, 0.3630
Android (android.graphics.Color)	4289052839 (0xFFA5C0A7)
YUV	181.0770, -6.9400, -14.0995
Hunter-Lab	69.6338, -15.8820, 11.4954

Details

The Yxy color **48.4886, 0.3095, 0.3630** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8333, 0.3161, 0.2972**, and the grayscale version is **46.2949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6244, 0.3102, 0.3564**, and **22.9255, 0.3085, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **45.9714, 0.3071, 0.3909**, and if you desaturate by 10%, it is **51.4093, 0.3118, 0.3382**.

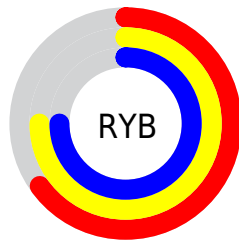
Distribution



Red (65%)

Green (75%)

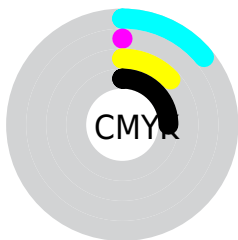
Blue (65%)



Red (65%)

Yellow (75%)

Blue (75%)

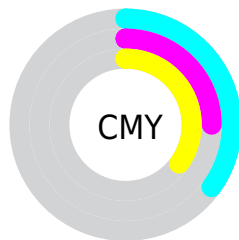


Cyan (14%)

Magenta (0%)

Yellow (13%)

Black (25%)



Cyan (35%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4886, 0.3095, 0.3630 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 48.4886, 0.3095, 0.3630 by changing the saturation by 10% instead.

 48.4886, 0.3095,
0.3630


 48.4886, 0.3095,
0.3630


380.7256, 0.3113,
0.3457

 34.2140, 0.3090,
0.3674


 87.9314, 0.3102,
0.3567

 23.0580, 0.3083,
0.3731


 113.8684, 0.3104,
0.3543

 14.6364, 0.3074,
0.3808


144.4617, 0.3106,
0.3523

 8.5646, 0.3059,
0.3917

180.0956, 0.3108,
0.3506

 4.4583, 0.3034,
0.4084

221.1545, 0.3110,
0.3491

 1.9331, 0.2986,
0.4370

268.0229, 0.3111,

 0.5682, 0.2594,

0.3479

0.7406

321.0851, 0.3112,
0.3467

0.0000, 0.0000,
0.0000

48.4886, 0.3095,
0.3630

48.4886, 0.3095,
0.3630

45.9714, 0.3071,
0.3909

51.4093, 0.3118,
0.3382

43.8340, 0.3047,
0.4217

54.7437, 0.3140,
0.3165

42.0600, 0.3024,
0.4546

58.5091, 0.3160,
0.2976

40.6290, 0.3005,
0.4883

62.7202, 0.3178,
0.2814

39.5188, 0.2990,
0.5208

66.1810, 0.3156,
0.2673

■ 38.7047, 0.2981,
0.5499

■ 38.1580, 0.2980,
0.5733

■ 37.8446, 0.2985,
0.5893

■ 37.7337, 0.2987,
0.5954

Harmonies

Analogous

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



48.4886, 0.3327, 0.3704



48.4886, 0.3095, 0.3630



48.4886, 0.2877, 0.3454

Triad

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



48.4886, 0.3095, 0.3630



48.4886, 0.2752, 0.2924



48.4886, 0.3541, 0.3323

Complementary

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



48.4886, 0.3095, 0.3630



41.8333, 0.3161, 0.2972

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.



48.4886, 0.3376, 0.3131



48.4886, 0.3095, 0.3630



48.4886, 0.2919, 0.2905

Square

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



48.4886, 0.3095, 0.3630



48.4886, 0.2684, 0.3041



48.4886, 0.3146, 0.2981



48.4886, 0.3590, 0.3515

Rectangle

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



48.4886, 0.3095, 0.3630



48.4886, 0.2768, 0.3307



48.4886, 0.3146, 0.2981



48.4886, 0.3497, 0.3257

Sweetspot

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



48.4907, 0.3095, 0.3630



93.1476, 0.3118, 0.3382



51.3909, 0.3320, 0.3635



19.8915, 0.3116, 0.3400



97.7402, 0.3127, 0.3290



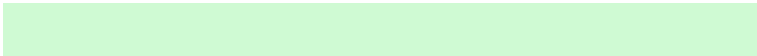
20.4902, 0.3127, 0.3290

Same Dimension

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



48.4907, 0.3095, 0.3630



86.3174, 0.3087, 0.3716



49.0076, 0.2998, 0.3446



11.2708, 0.3106, 0.3510



25.3941, 0.2984, 0.5944



1.1015, 0.2929, 0.5745

Inverse Universe

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



41.8333, 0.3161, 0.2972



71.8319, 0.3169, 0.2898



41.2786, 0.3277, 0.3139



10.2341, 0.3149, 0.3080



9.6992, 0.3404, 0.1649



0.4230, 0.3356, 0.1622

Previews

White Background



This preview shows how the Yxy color 48.4886, 0.3095, 0.3630 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 48.4886, 0.3095, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

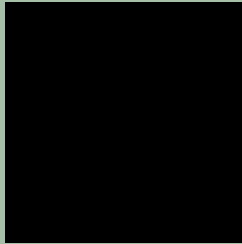
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4886, 0.3095, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 48.4886, 0.3095, 0.3630.



This preview shows how white text looks on a background with the Yxy color 48.4886, 0.3095, 0.3630.

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

48.4886, 0.3095, 0.3630

Protanopia

48.2628, 0.3374, 0.3560

Deuteranopia

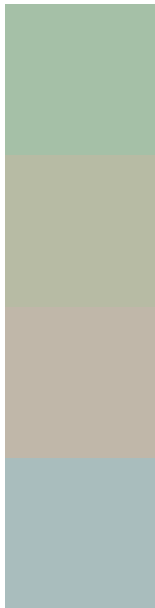
48.1530, 0.3462, 0.3389



Tritanopia

48.4628, 0.2889, 0.3096

Trichromacy



Original Color

48.4886, 0.3095, 0.3630

Protanomaly

48.2883, 0.3274, 0.3593

Deuteranomaly

47.9380, 0.3318, 0.3470

Tritanomaly

48.5043, 0.2967, 0.3290

Monochromacy



Original Color

48.4886, 0.3095, 0.3630

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9465, 0.3113, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4886, 0.3095, 0.3630 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, 192, 167)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 167)  
}
```

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, 192, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 167) }
```

Border

The CSS property to change the border of an element to Yxy 48.4886, 0.3095, 0.3630 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, 192, 167) }
```

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

```
.border{ border-color:rgb(165, 192, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 167);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4886, 0.3095, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 167) }
```

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

```
.background{ background-color: rgb(165,  
192, 167) }
```

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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