

Converting Colors

$Yxy(48.6147, 0.2921, 0.3846)$

Have a look what the booklet for
Yxy(48.6147, 0.2921, 0.3846)
contains.

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Color

Yxy(48.6192, 0.2925, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	88C7A0
RGB	136, 199, 160
RGB Percent	53%, 78%, 63%
CMY	0.4665, 0.2196, 0.3725
CMYK	0.32, 0.00, 0.20, 0.22
HSL	143°, 36%, 66%
HSV	143°, 32%, 78%
XYZ	36.9284, 48.6192, 40.7033
YIQ	175.7170, -25.0290, -25.4850

Conversions

Conversions Part 2

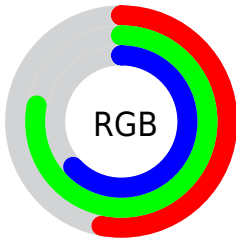
Format	Color
RYB	136, 182, 199
Decimal	8964000
CIELab	75.21, -28.32, 13.19
CIELCh	75, 31.238, 155.022
Yxy	48.6192, 0.2925, 0.3851
Android (android.graphics.Color)	4287154080 (0xFF88C7A0)
YUV	175.7170, -7.7485, -34.8318
Hunter-Lab	69.7275, -27.4877, 14.1988

Details

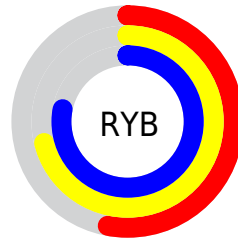
The Yxy color **48.6192, 0.2925, 0.3851** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.8585, 0.3405, 0.2790**, and the grayscale version is **43.3181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5027, 0.2964, 0.3731**, and **23.2183, 0.2867, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **46.6960, 0.2871, 0.4067**, and if you desaturate by 10%, it is **50.8985, 0.2986, 0.3653**.

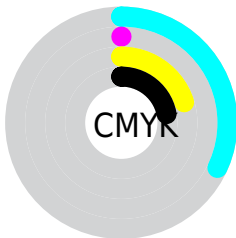
Distribution



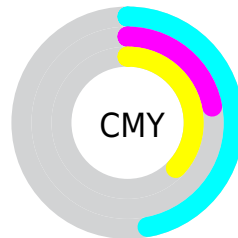
- Red (53%)
- Green (78%)
- Blue (63%)



- Red (53%)
- Yellow (71%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)





- Cyan (47%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6192, 0.2925, 0.3851 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 48.6192, 0.2925, 0.3851 by changing the saturation by 10% instead.


 48.6192, 0.2925,
0.3851


 48.6192, 0.2925,
0.3851


381.2413, 0.3031,
0.3562


 34.3175, 0.2897,
0.3926


 88.1256, 0.2964,
0.3744

 23.1376, 0.2861,
0.4024


 114.0991, 0.2979,
0.3704

 14.6952, 0.2811,
0.4157


 144.7320, 0.2991,
0.3671

 8.6057, 0.2738,
0.4348

180.4087, 0.3001,
0.3643

 4.4849, 0.2623,
0.4646

221.5136, 0.3010,
0.3618

 1.9483, 0.2417,
0.5166

268.4311, 0.3018,

 0.5772, 0.0000,

0.3597

1.0000

321.5455, 0.3025,
0.3578

0.0000, 0.0000,
0.0000

48.6192, 0.2925,
0.3851

48.6192, 0.2925,
0.3851

46.6960, 0.2871,
0.4067

50.8985, 0.2986,
0.3653

45.1045, 0.2826,
0.4297

53.5449, 0.3050,
0.3474

43.8266, 0.2795,
0.4536


56.5763, 0.3116,
0.3314


42.8400, 0.2780,
0.4776


60.0076, 0.3182,
0.3173

42.1191, 0.2783,
0.5010

63.8530, 0.3247,
0.3049

 41.6338, 0.2804,
0.5227

 68.0419, 0.3305,
0.2940

 41.3633, 0.2831,
0.5392

 68.7747, 0.3215,
0.2823

 69.3245, 0.3153,
0.2742

Harmonies

Analogous

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



48.6192, 0.3351, 0.4056



48.6192, 0.2925, 0.3851



48.6192, 0.2569, 0.3462

Triad

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



48.6192, 0.2925, 0.3851



48.6192, 0.2526, 0.2603



48.6192, 0.3952, 0.3442

Complementary

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



48.6192, 0.2925, 0.3851



32.8585, 0.3405, 0.2790

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.



48.6192, 0.3701, 0.3098



48.6192, 0.2925, 0.3851



48.6192, 0.2861, 0.2633

Square

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



48.6192, 0.2925, 0.3851



48.6192, 0.2352, 0.2742



48.6192, 0.3292, 0.2811



48.6192, 0.3961, 0.3774

Rectangle

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



48.6192, 0.2925, 0.3851



48.6192, 0.2414, 0.3178



48.6192, 0.3292, 0.2811



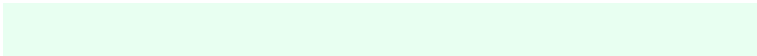
48.6192, 0.3893, 0.3325

Sweetspot

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



48.6212, 0.2925, 0.3851



95.0225, 0.3067, 0.3432



51.8434, 0.3402, 0.4126



20.1780, 0.3057, 0.3457



0.0000, 0.0000, 0.0000



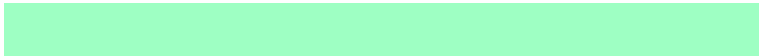
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6212, 0.2925, 0.3851



82.7395, 0.2887, 0.3999



49.8266, 0.2729, 0.3405



11.9536, 0.3065, 0.3436



26.6149, 0.2824, 0.5366



1.2743, 0.2704, 0.4933

Inverse Universe

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



32.8585, 0.3405, 0.2790



50.8150, 0.3487, 0.2679



31.7896, 0.3745, 0.3181



10.7455, 0.3195, 0.3148



8.7482, 0.4448, 0.2224



0.4280, 0.4124, 0.2046

Previews

White Background



This preview shows how the Yxy color 48.6192, 0.2925, 0.3851 looks on a white background.

Color Contrast Check

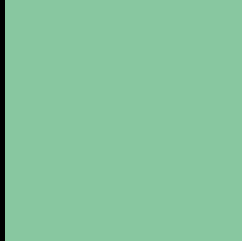
Large Text (above 18pt) WCAG AA × Fail

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 48.6192, 0.2925, 0.3851 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 48.6192, 0.2925, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 48.6192, 0.2925, 0.3851.



This preview shows how white text looks on a background with the Yxy color 48.6192, 0.2925, 0.3851.

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

48.6192, 0.2925, 0.3851

Protanopia

48.1830, 0.3475, 0.3689

Deuteranopia

48.2228, 0.3533, 0.3463



Tritanopia

48.3643, 0.2677, 0.3076

Trichromacy



Original Color

48.6192, 0.2925, 0.3851

Protanomaly

47.7942, 0.3256, 0.3736

Deuteranomaly

47.8294, 0.3283, 0.3593

Tritanomaly

48.5426, 0.2761, 0.3344

Monochromacy



Original Color

48.6192, 0.2925, 0.3851

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.7603, 0.3043, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6192, 0.2925, 0.3851 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(136, 199, 160)` looks like.

```
.text, #text, p{  
    color:rgb(136, 199, 160)  
}
```

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(136, 199, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 199, 160) }
```

Border

The CSS property to change the border of an element to Yxy 48.6192, 0.2925, 0.3851 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(136, 199, 160) }
```

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

```
.border{ border-color:rgb(136, 199, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 199, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 199, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 199, 160);  
box-shadow:4px 4px 4px 4px rgb(136, 199,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6192, 0.2925, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 199, 160) }
```

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

```
.background{ background-color: rgb(136,  
199, 160) }
```

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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