

Converting Colors

$Yxy(48.5864, 0.3010, 0.3514)$

Have a look what the booklet for
Yxy(48.5864, 0.3010, 0.3514)
contains.

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Color

Yxy(48.5152, 0.3006, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	A2C0B0
RGB	162, 192, 176
RGB Percent	64%, 75%, 69%
CMY	0.3647, 0.2470, 0.3099
CMYK	0.16, 0.00, 0.08, 0.25
HSL	148°, 19%, 69%
HSV	148°, 16%, 75%
XYZ	41.5845, 48.5152, 48.2385
YIQ	181.2060, -12.7440, -11.3360

Conversions

Conversions Part 2

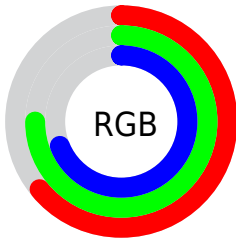
Format	Color
RYB	162, 182, 192
Decimal	10666160
CIELab	75.15, -13.30, 4.69
CIELCh	75, 14.106, 160.596
Yxy	48.5152, 0.3006, 0.3507
Android (android.graphics.Color)	4288856240 (0xFFA2C0B0)
YUV	181.2060, -2.5666, -16.8437
Hunter-Lab	69.6529, -15.3236, 7.6953

Details

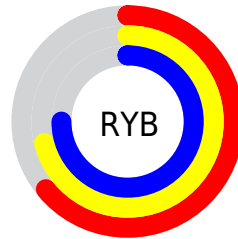
The Yxy color **48.5152, 0.3006, 0.3507** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2621, 0.3269, 0.3083**, and the grayscale version is **46.3451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7127, 0.3025, 0.3457**, and **22.9472, 0.2966, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **46.2671, 0.2932, 0.3666**, and if you desaturate by 10%, it is **51.1051, 0.3083, 0.3364**.

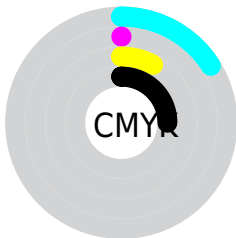
Distribution



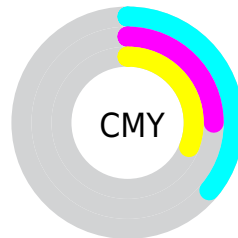
- Red (64%)
- Green (75%)
- Blue (69%)



- Red (64%)
- Yellow (71%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5152, 0.3006, 0.3507 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 48.5152, 0.3006, 0.3507 by changing the saturation by 10% instead.


 48.5152, 0.3006,
0.3507


 48.5152, 0.3006,
0.3507


380.8306, 0.3067,
0.3398

 34.2351, 0.2991,
0.3535


 87.9710, 0.3028,
0.3467

 23.0742, 0.2971,
0.3570


 113.9154, 0.3037,
0.3452

 14.6483, 0.2944,
0.3618


144.5168, 0.3044,
0.3439

 8.5730, 0.2907,
0.3686

180.1594, 0.3050,
0.3429

 4.4637, 0.2850,
0.3789

221.2277, 0.3055,
0.3419

 1.9362, 0.2755,
0.3964

268.1061, 0.3059,

 0.5700, 0.2009,

0.3411

0.5278

321.1789, 0.3063,
0.3404

0.0000, 0.0000,
0.0000

48.5152, 0.3006,
0.3507

48.5152, 0.3006,
0.3507

46.2671, 0.2932,
0.3666

51.1051, 0.3083,
0.3364

44.3400, 0.2864,
0.3841

54.0442, 0.3161,
0.3236

42.7204, 0.2805,
0.4030

57.3475, 0.3239,
0.3123

41.3913, 0.2758,
0.4230

61.0272, 0.3315,
0.3024

40.3340, 0.2726,
0.4437

64.5214, 0.3365,
0.2934

■ 39.5275, 0.2712,
0.4646

■ 65.1053, 0.3286,
0.2835

■ 38.9475, 0.2718,
0.4850

■ 65.7234, 0.3209,
0.2739

■ 38.5641, 0.2743,
0.5044

■ 66.1821, 0.3156,
0.2673

■ 38.4318, 0.2757,
0.5124

Harmonies

Analogous

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



48.5152, 0.3201, 0.3615



48.5152, 0.3006, 0.3507



48.5152, 0.2847, 0.3337

Triad

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



48.5152, 0.3006, 0.3507



48.5152, 0.2874, 0.2965



48.5152, 0.3505, 0.3402

Complementary

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



48.5152, 0.3006, 0.3507



40.2621, 0.3269, 0.3083

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.



48.5152, 0.3413, 0.3236



48.5152, 0.3006, 0.3507



48.5152, 0.3045, 0.2989

Square

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



48.5152, 0.3006, 0.3507



48.5152, 0.2773, 0.3025



48.5152, 0.3242, 0.3087



48.5152, 0.3493, 0.3546

Rectangle

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



48.5152, 0.3006, 0.3507



48.5152, 0.2781, 0.3215



48.5152, 0.3242, 0.3087



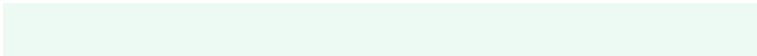
48.5152, 0.3485, 0.3347

Sweetspot

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



48.5172, 0.3006, 0.3507



92.8683, 0.3087, 0.3356



49.8352, 0.3244, 0.3687



19.8471, 0.3082, 0.3366



97.7402, 0.3127, 0.3290



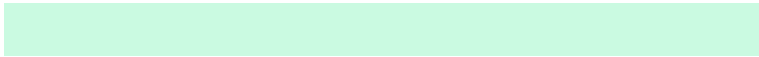
20.4902, 0.3127, 0.3290

Same Dimension

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



48.5172, 0.3006, 0.3507



86.3359, 0.2978, 0.3564



49.1231, 0.2904, 0.3309



11.3352, 0.3054, 0.3416



25.8740, 0.2750, 0.5102



1.1319, 0.2631, 0.4671

Inverse Universe

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



40.2621, 0.3269, 0.3083



68.3320, 0.3309, 0.3032



39.7092, 0.3403, 0.3271



10.1658, 0.3207, 0.3168



8.2089, 0.4795, 0.2415



0.3685, 0.4348, 0.2169

Previews

White Background



This preview shows how the Yxy color 48.5152, 0.3006, 0.3507 looks on a white background.

Color Contrast Check

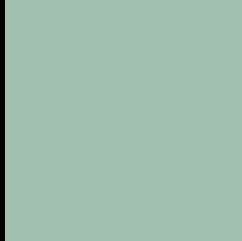
Large Text (above 18pt) WCAG AA × Fail

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 48.5152, 0.3006, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

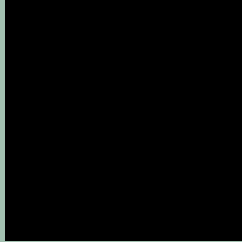
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

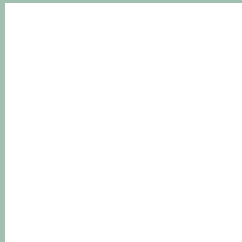
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5152, 0.3006, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 48.5152, 0.3006, 0.3507.



This preview shows how white text looks on a background with the Yxy color 48.5152, 0.3006, 0.3507.

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

48.5152, 0.3006, 0.3507

Protanopia

48.3359, 0.3283, 0.3444

Deuteranopia

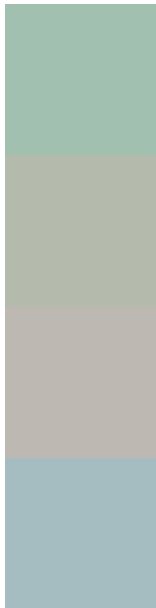
48.4740, 0.3356, 0.3291



Tritanopia

48.4937, 0.2853, 0.3095

Trichromacy



Original Color

48.5152, 0.3006, 0.3507

Protanomaly

48.2611, 0.3177, 0.3474

Deuteranomaly

48.3141, 0.3217, 0.3367

Tritanomaly

48.2448, 0.2907, 0.3236

Monochromacy



Original Color

48.5152, 0.3006, 0.3507

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9513, 0.3082, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5152, 0.3006, 0.3507 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(162, 192, 176)` looks like.

```
.text, #text, p{  
    color:rgb(162, 192, 176)  
}
```

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(162, 192, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 192, 176) }
```

Border

The CSS property to change the border of an element to Yxy 48.5152, 0.3006, 0.3507 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(162, 192, 176) }
```

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

```
.border{ border-color:rgb(162, 192, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 192, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 192, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 192, 176);  
box-shadow:4px 4px 4px 4px rgb(162, 192,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5152, 0.3006, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 192, 176) }
```

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

```
.background{ background-color: rgb(162,  
192, 176) }
```

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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