

Converting Colors

$Yxy(48.9607, 0.2954, 0.3194)$

Have a look what the booklet for
Yxy(48.9607, 0.2954, 0.3194)
contains.

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Color

Yxy(48.8362, 0.2947, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	ADBCC4
RGB	173, 188, 196
RGB Percent	68%, 74%, 77%
CMY	0.3218, 0.2627, 0.2313
CMYK	0.12, 0.04, 0.00, 0.23
HSL	201°, 16%, 72%
HSV	201°, 12%, 77%
XYZ	45.1727, 48.8362, 59.2748
YIQ	184.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

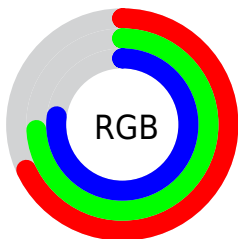
Format	Color
RYB	173, 182, 196
Decimal	11386052
CIELab	75.35, -3.55, -5.81
CIELCh	75, 6.806, 238.550
Yxy	48.8362, 0.2947, 0.3186
Android (android.graphics.Color)	4289576132 (0xFFADBCC4)
YUV	184.4270, 5.7055, -10.0215
Hunter-Lab	69.8829, -6.9116, -1.3719

Details

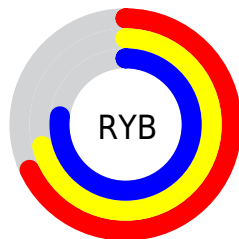
The Yxy color **48.8362, 0.2947, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7760, 0.3324, 0.3392**, and the grayscale version is **48.1507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4512, 0.2980, 0.3199**, and **23.3459, 0.2906, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **43.9312, 0.2793, 0.3088**, and if you desaturate by 10%, it is **54.2097, 0.3100, 0.3275**.

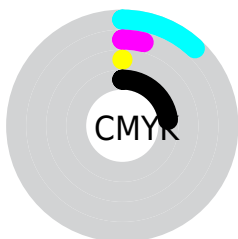
Distribution



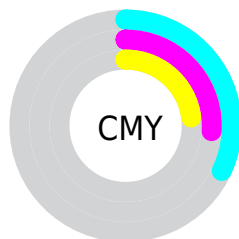
- Red (68%)
- Green (74%)
- Blue (77%)



- Red (68%)
- Yellow (71%)
- Blue (77%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (32%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8362, 0.2947, 0.3186 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 48.8362, 0.2947, 0.3186 by changing the saturation by 10% instead.

■ 48.8362, 0.2947,
0.3186

■ 48.8362, 0.2947,
0.3186

382.0971, 0.3036,
0.3238

■ 34.4896, 0.2925,
0.3173

■ 88.4481, 0.2979,
0.3205

■ 23.2699, 0.2897,
0.3156

114.4822, 0.2991,
0.3212

■ 14.7930, 0.2860,
0.3134

145.1809, 0.3001,
0.3218

■ 8.6742, 0.2809,
0.3103

180.9286, 0.3010,
0.3223

■ 4.5293, 0.2735,
0.3056

222.1096, 0.3018,
0.3228

■ 1.9738, 0.2614,
0.2980

269.1085, 0.3025,

■ 0.5922, 0.2244,

0.3232

0.2791

322.3095, 0.3031,
0.3235

0.0000, 0.0000,
0.0000

48.8362, 0.2947,
0.3186

48.8362, 0.2947,
0.3186

43.9312, 0.2793,
0.3088

54.2097, 0.3100,
0.3275

39.4725, 0.2641,
0.2980

60.0607, 0.3251,
0.3355

35.4449, 0.2494,
0.2864

66.4057, 0.3396,
0.3427

31.8301, 0.2356,
0.2741

73.2584, 0.3535,
0.3489

28.6078, 0.2231,
0.2613

77.4795, 0.3548,
0.3556

■ 25.7558, 0.2122,
0.2481

■ 81.1608, 0.3533,
0.3622

■ 23.2489, 0.2033,
0.2348

■ 84.9891, 0.3519,
0.3688

■ 21.0571, 0.1964,
0.2216

■ 88.9662, 0.3504,
0.3753

■ 19.4446, 0.1919,
0.2109

■ 93.0935, 0.3490,
0.3816

Harmonies

Analogous

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



48.8362, 0.2961, 0.3262



48.8362, 0.2947, 0.3186



48.8362, 0.2980, 0.3139

Triad

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



48.8362, 0.2947, 0.3186



48.8362, 0.3235, 0.3233



48.8362, 0.3201, 0.3452

Complementary

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



48.8362, 0.2947, 0.3186



47.7760, 0.3324, 0.3392

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.



48.8362, 0.3276, 0.3442



48.8362, 0.2947, 0.3186



48.8362, 0.3296, 0.3314

Square

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



48.8362, 0.2947, 0.3186



48.8362, 0.3146, 0.3167



48.8362, 0.3311, 0.3391



48.8362, 0.3107, 0.3418

Rectangle

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



48.8362, 0.2947, 0.3186



48.8362, 0.3025, 0.3130



48.8362, 0.3311, 0.3391



48.8362, 0.3229, 0.3454

Sweetspot

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



48.8382, 0.2947, 0.3186



95.8817, 0.3065, 0.3256



51.6838, 0.3057, 0.3491



20.3603, 0.3054, 0.3249



0.0000, 0.0000, 0.0000



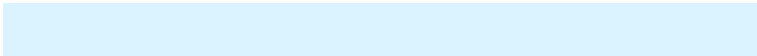
21.4041, 0.3127, 0.3290

Same Dimension

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



48.8382, 0.2947, 0.3186



86.2050, 0.2909, 0.3163



44.2268, 0.2944, 0.3038



10.8217, 0.2984, 0.3208



12.6586, 0.1924, 0.2127



0.6716, 0.2005, 0.2417

Inverse Universe

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



45.2363, 0.3207, 0.3101



78.5283, 0.3226, 0.3060



52.5244, 0.3307, 0.3531



10.1863, 0.3189, 0.3141



8.5601, 0.4311, 0.2149



0.3824, 0.4006, 0.1980

Previews

White Background



This preview shows how the Yxy color 48.8362, 0.2947, 0.3186 looks on a white background.

Color Contrast Check

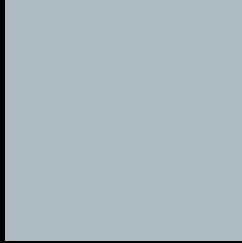
Large Text (above 18pt) WCAG AA × Fail

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 48.8362, 0.2947, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

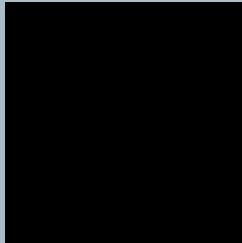
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

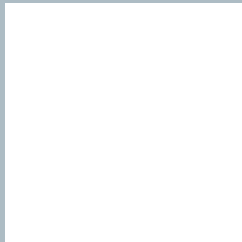
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8362, 0.2947, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 48.8362, 0.2947, 0.3186.



This preview shows how white text looks on a background with the Yxy color 48.8362, 0.2947, 0.3186.

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

48.8362, 0.2947, 0.3186

Protanopia

48.6151, 0.3067, 0.3163

Deuteranopia

48.7255, 0.3138, 0.3070



Tritanopia

48.8036, 0.2912, 0.3097

Trichromacy



Original Color

48.8362, 0.2947, 0.3186

Protanomaly

48.4618, 0.3018, 0.3162

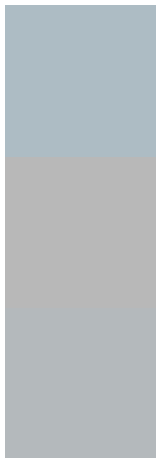
Deuteranomaly

48.7170, 0.3069, 0.3115

Tritanomaly

48.7094, 0.2926, 0.3122

Monochromacy



Original Color

48.8362, 0.2947, 0.3186

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.0321, 0.3063, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8362, 0.2947, 0.3186 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(173, 188, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 188, 196)  
}
```

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(173, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 188, 196) }
```

Border

The CSS property to change the border of an element to Yxy 48.8362, 0.2947, 0.3186 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(173, 188, 196) }
```

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

```
.border{ border-color:rgb(173, 188, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 188, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 188,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8362, 0.2947, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 188, 196) }
```

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

```
.background{ background-color: rgb(173,  
188, 196) }
```

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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