

Converting Colors

$Y_{xy}(48.2292, 0.2974, 0.3189)$

Have a look what the booklet for
Yxy(48.2292, 0.2974, 0.3189)
contains.

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Color

Yxy(48.1268, 0.2977, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	AFBAC2
RGB	175, 186, 194
RGB Percent	69%, 73%, 76%
CMY	0.3139, 0.2705, 0.2392
CMYK	0.10, 0.04, 0.00, 0.24
HSL	205°, 14%, 72%
HSV	205°, 10%, 76%
XYZ	44.9697, 48.1268, 57.9606
YIQ	183.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

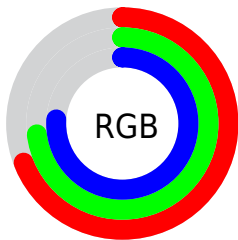
Format	Color
RYB	175, 182, 194
Decimal	11516610
CIELab	74.90, -2.22, -5.36
CIELCh	75, 5.799, 247.483
Yxy	48.1268, 0.2977, 0.3186
Android (android.graphics.Color)	4289706690 (0xFFAFBAC2)
YUV	183.6230, 5.1159, -7.5624
Hunter-Lab	69.3735, -5.6952, -0.9746

Details

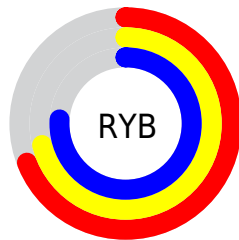
The Yxy color **48.1268, 0.2977, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4120, 0.3286, 0.3392**, and the grayscale version is **47.6872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3953, 0.3009, 0.3209**, and **22.8061, 0.2935, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **42.7098, 0.2821, 0.3069**, and if you desaturate by 10%, it is **54.0658, 0.3130, 0.3292**.

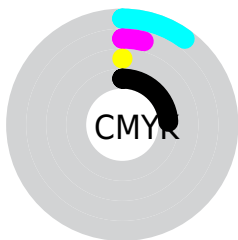
Distribution



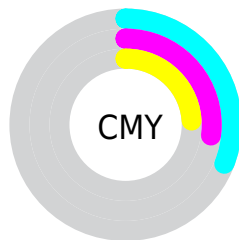
- Red (69%)
- Green (73%)
- Blue (76%)



- Red (69%)
- Yellow (71%)
- Blue (76%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1268, 0.2977, 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 48.1268, 0.2977, 0.3186 by changing the saturation by 10% instead.

■ 48.1268, 0.2977,
0.3186

■ 48.1268, 0.2977,
0.3186

379.2945, 0.3051,
0.3238

■ 33.9273, 0.2959,
0.3173

■ 87.3932, 0.3004,
0.3205

■ 22.8378, 0.2935,
0.3156

113.2288, 0.3014,
0.3212

■ 14.4738, 0.2904,
0.3134

143.7120, 0.3023,
0.3218

■ 8.4509, 0.2861,
0.3103

179.2271, 0.3030,
0.3223

■ 4.3848, 0.2797,
0.3057

220.1585, 0.3036,
0.3228

■ 1.8911, 0.2694,
0.2981

266.8906, 0.3042,

■ 0.5430, 0.2344,

0.3232

0.2755

319.8078, 0.3047,
0.3235

0.0000, 0.0000,
0.0000

48.1268, 0.2977,
0.3186

48.1268, 0.2977,
0.3186

42.7098, 0.2821,
0.3069

54.0658, 0.3130,
0.3292

37.7918, 0.2663,
0.2939

60.5368, 0.3278,
0.3386

33.3569, 0.2509,
0.2800

67.5571, 0.3418,
0.3470

29.3858, 0.2360,
0.2650

75.1411, 0.3552,
0.3544

25.8578, 0.2222,
0.2493

79.9418, 0.3552,
0.3623

■ 22.7498, 0.2099,
0.2331

■ 84.4942, 0.3533,
0.3702

■ 20.0362, 0.1995,
0.2168

■ 89.2600, 0.3515,
0.3779

■ 17.6873, 0.1912,
0.2008

■ 94.2418, 0.3498,
0.3855

■ 15.6498, 0.1848,
0.1852

■ 96.6753, 0.3490,
0.3890

Harmonies

Analogous

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



48.1268, 0.2977, 0.3245



48.1268, 0.2977, 0.3186



48.1268, 0.3017, 0.3155

Triad

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



48.1268, 0.2977, 0.3186



48.1268, 0.3238, 0.3261



48.1268, 0.3167, 0.3424

Complementary

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



48.1268, 0.2977, 0.3186



48.4120, 0.3286, 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.



48.1268, 0.3238, 0.3427



48.1268, 0.2977, 0.3186



48.1268, 0.3280, 0.3332

Square

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



48.1268, 0.2977, 0.3186



48.1268, 0.3167, 0.3199



48.1268, 0.3280, 0.3392



48.1268, 0.3086, 0.3384

Rectangle

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



48.1268, 0.2977, 0.3186



48.1268, 0.3060, 0.3155



48.1268, 0.3280, 0.3392



48.1268, 0.3193, 0.3429

Sweetspot

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



48.1288, 0.2977, 0.3186



94.3666, 0.3081, 0.3259



51.1103, 0.3057, 0.3434



20.4707, 0.3069, 0.3250



0.0000, 0.0000, 0.0000



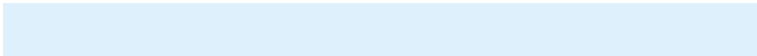
21.4041, 0.3127, 0.3290

Same Dimension

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



48.1288, 0.2977, 0.3186



84.7764, 0.2940, 0.3159



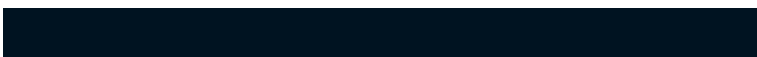
44.2719, 0.2976, 0.3061



10.6971, 0.2984, 0.3191



10.4303, 0.1853, 0.1869



0.5845, 0.1950, 0.2219

Inverse Universe

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



45.6615, 0.3204, 0.3151



79.3807, 0.3225, 0.3116



52.4471, 0.3274, 0.3509



10.1737, 0.3200, 0.3157



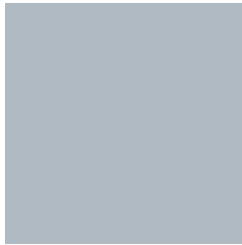
8.3352, 0.4603, 0.2309



0.3736, 0.4212, 0.2094

Previews

White Background



This preview shows how the Yxy color 48.1268, 0.2977, 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 48.1268, 0.2977, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

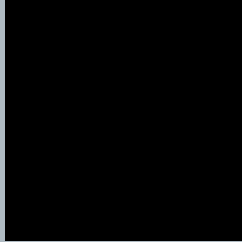
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

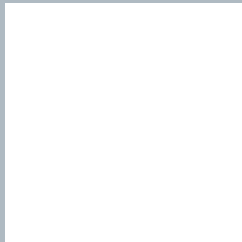
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1268, 0.2977, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 48.1268, 0.2977, 0.3186.



This preview shows how white text looks on a background with the Yxy color 48.1268, 0.2977, 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

48.1268, 0.2977, 0.3186

Protanopia

47.9870, 0.3074, 0.3175

Deuteranopia

48.0506, 0.3154, 0.3093



Tritanopia

48.0982, 0.2941, 0.3097

Trichromacy



Original Color

48.1268, 0.2977, 0.3186

Protanomaly

47.9550, 0.3033, 0.3174

Deuteranomaly

48.2148, 0.3084, 0.3127

Tritanomaly

48.0052, 0.2956, 0.3122

Monochromacy



Original Color

48.1268, 0.2977, 0.3186

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1525, 0.3071, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1268, 0.2977, 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(175, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 186, 194)  
}
```

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(175, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 186, 194) }
```

Border

The CSS property to change the border of an element to Yxy 48.1268, 0.2977, 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(175, 186, 194) }
```

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

```
.border{ border-color:rgb(175, 186, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 186,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1268, 0.2977, 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(175, 186, 194) }
```

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

```
.background{ background-color: rgb(175,  
186, 194) }
```

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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