

Converting Colors

$Yxy(48.6452, 0.3011, 0.3272)$

Have a look what the booklet for
Yxy(48.6452, 0.3011, 0.3272)
contains.

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Color

Yxy(48.7545, 0.3014, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	AFBCBD
RGB	175, 188, 189
RGB Percent	69%, 74%, 74%
CMY	0.3138, 0.2627, 0.2589
CMYK	0.07, 0.01, 0.00, 0.26
HSL	184°, 10%, 71%
HSV	184°, 7%, 74%
XYZ	44.8416, 48.7545, 55.1817
YIQ	184.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

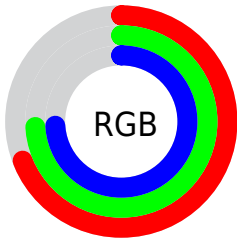
Format	Color
RYB	175, 182, 189
Decimal	11517117
CIELab	75.30, -4.29, -2.05
CIELCh	75, 4.750, 205.506
Yxy	48.7545, 0.3014, 0.3277
Android (android.graphics.Color)	4289707197 (0xFFAFBCBD)
YUV	184.2270, 2.3531, -8.0921
Hunter-Lab	69.8244, -7.5590, 2.0207

Details

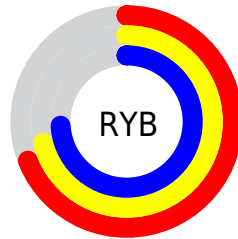
The Yxy color $48.7545, 0.3014, 0.3277$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.9400, 0.3251, 0.3303$, and the grayscale version is $48.0532, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2829, 0.3038, 0.3280$, and $23.3165, 0.2986, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $46.1639, 0.2867, 0.3258$, and if you desaturate by 10%, it is $51.6603, 0.3167, 0.3294$.

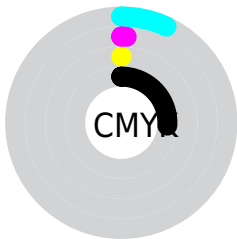
Distribution



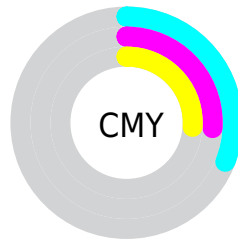
- Red (69%)
- Green (74%)
- Blue (74%)



- Red (69%)
- Yellow (71%)
- Blue (74%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7545, 0.3014, 0.3277 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 48.7545, 0.3014, 0.3277 by changing the saturation by 10% instead.

■ 48.7545, 0.3014,
0.3277

■ 48.7545, 0.3014,
0.3277

381.7750, 0.3070,
0.3284

■ 34.4248, 0.3000,
0.3275

■ 88.3267, 0.3034,
0.3280

■ 23.2201, 0.2982,
0.3273

114.3380, 0.3042,
0.3280

■ 14.7561, 0.2959,
0.3270

145.0119, 0.3048,
0.3281

■ 8.6484, 0.2927,
0.3265

180.7329, 0.3054,
0.3282

■ 4.5126, 0.2879,
0.3259

221.8853, 0.3059,
0.3282

■ 1.9642, 0.2801,
0.3247

268.8535, 0.3063,

■ 0.5866, 0.2487,

0.3283

0.3221

322.0220, 0.3067,
0.3283

0.0000, 0.0000,
0.0000

48.7545, 0.3014,
0.3277

48.7545, 0.3014,
0.3277

46.1639, 0.2867,
0.3258

51.6603, 0.3167,
0.3294

43.8696, 0.2728,
0.3238

54.8871, 0.3323,
0.3310

41.8603, 0.2601,
0.3217

58.4482, 0.3480,
0.3324

40.1213, 0.2488,
0.3194

62.3543, 0.3635,
0.3337

38.6367, 0.2392,
0.3171

63.7680, 0.3669,
0.3350

■ 37.3889, 0.2315,
0.3148

■ 64.3559, 0.3665,
0.3363

■ 36.3581, 0.2256,
0.3124

■ 64.9489, 0.3662,
0.3377

■ 35.5208, 0.2216,
0.3101

■ 65.5471, 0.3658,
0.3390

■ 34.8438, 0.2192,
0.3078

■ 66.1505, 0.3655,
0.3404

Harmonies

Analogous

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



48.7545, 0.3058, 0.3336



48.7545, 0.3014, 0.3277



48.7545, 0.3000, 0.3222

Triad

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



48.7545, 0.3014, 0.3277



48.7545, 0.3133, 0.3200



48.7545, 0.3235, 0.3394

Complementary

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



48.7545, 0.3014, 0.3277



44.9400, 0.3251, 0.3303

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.



48.7545, 0.3256, 0.3356



48.7545, 0.3014, 0.3277



48.7545, 0.3197, 0.3245

Square

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



48.7545, 0.3014, 0.3277



48.7545, 0.3069, 0.3179



48.7545, 0.3242, 0.3302



48.7545, 0.3185, 0.3404

Rectangle

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



48.7545, 0.3014, 0.3277



48.7545, 0.3010, 0.3196



48.7545, 0.3242, 0.3302



48.7545, 0.3245, 0.3384

Sweetspot

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



48.7566, 0.3014, 0.3277



90.0678, 0.3096, 0.3287



48.6304, 0.3111, 0.3463



19.3804, 0.3097, 0.3287



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



48.7566, 0.3014, 0.3277



86.4962, 0.2988, 0.3274



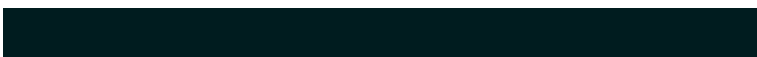
45.8505, 0.3014, 0.3185



10.6932, 0.2985, 0.3274



23.3837, 0.2188, 0.3075



0.9502, 0.2203, 0.3130

Inverse Universe

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



45.0980, 0.3143, 0.3124



78.5156, 0.3147, 0.3084



47.7421, 0.3243, 0.3392



9.6846, 0.3148, 0.3079



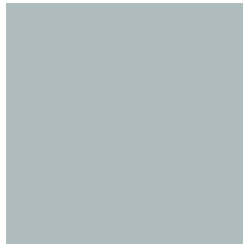
9.3903, 0.3389, 0.1640



0.3713, 0.3341, 0.1614

Previews

White Background



This preview shows how the Yxy color 48.7545, 0.3014, 0.3277 looks on a white background.

Color Contrast Check

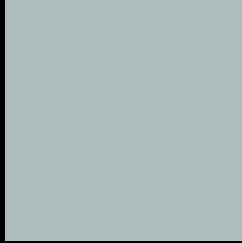
Large Text (above 18pt) WCAG AA × Fail

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 48.7545, 0.3014, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

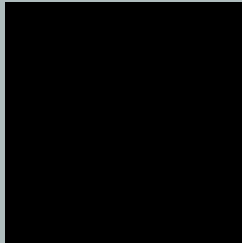
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

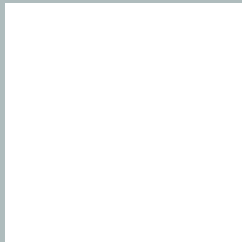
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7545, 0.3014, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 48.7545, 0.3014, 0.3277.



This preview shows how white text looks on a background with the Yxy color 48.7545, 0.3014, 0.3277.

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

48.7545, 0.3014, 0.3277

Protanopia

48.5602, 0.3137, 0.3252

Deuteranopia

48.8216, 0.3219, 0.3155



Tritanopia

48.6820, 0.2942, 0.3098

Trichromacy



Original Color

48.7545, 0.3014, 0.3277

Protanomaly

48.3960, 0.3087, 0.3251

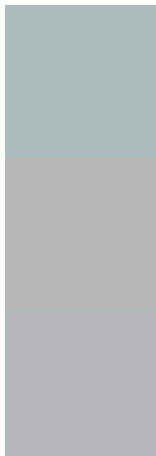
Deuteranomaly

48.7911, 0.3148, 0.3202

Tritanomaly

48.8020, 0.2964, 0.3161

Monochromacy



Original Color

48.7545, 0.3014, 0.3277

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.0669, 0.3086, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7545, 0.3014, 0.3277 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, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 188, 189)  
}
```

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, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 188, 189) }
```

Border

The CSS property to change the border of an element to Yxy 48.7545, 0.3014, 0.3277 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, 188, 189) }
```

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

```
.border{ border-color:rgb(175, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(175, 188,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7545, 0.3014, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 188, 189) }
```

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

```
.background{ background-color: rgb(175,  
188, 189) }
```

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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