

Converting Colors

$Yxy(48.4435, 0.3058, 0.3314)$

Have a look what the booklet for
Yxy(48.4435, 0.3058, 0.3314)
contains.

Yxy(48.3905, 0.3060, 0.3316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.3905, 0.3060, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	B1BBB9
RGB	177, 187, 185
RGB Percent	69%, 73%, 73%
CMY	0.3060, 0.2666, 0.2745
CMYK	0.05, 0.00, 0.01, 0.27
HSL	168°, 7%, 71%
HSV	168°, 5%, 73%
XYZ	44.6547, 48.3905, 52.8852
YIQ	183.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

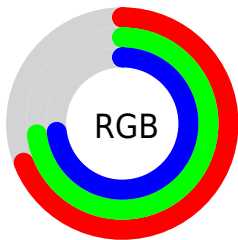
Format	Color
R _Y B	177, 183, 187
Decimal	11647929
CIE Lab	75.07, -3.85, -0.19
CIE LCh	75, 3.852, 182.896
Yxy	48.3905, 0.3060, 0.3316
Android (android.graphics.Color)	4289838009 (0xFFB1BBB9)
YUV	183.7820, 0.6005, -5.9478
Hunter-Lab	69.5633, -7.1514, 3.6194

Details

The Yxy color **48.3905, 0.3060, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2559, 0.3199, 0.3264**, and the grayscale version is **47.8042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7757, 0.3075, 0.3310**, and **23.0012, 0.3036, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **46.1890, 0.2938, 0.3368**, and if you desaturate by 10%, it is **50.9012, 0.3186, 0.3269**.

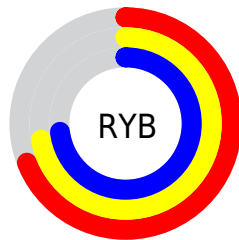
Distribution



Red (69%)

Green (73%)

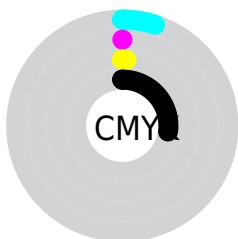
Blue (73%)



Red (69%)

Yellow (72%)

Blue (73%)

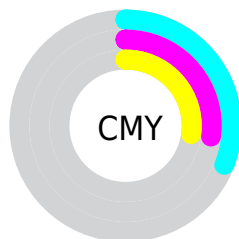


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3905, 0.3060, 0.3316 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 48.3905, 0.3060, 0.3316 by changing the saturation by 10% instead.

■ 48.3905, 0.3060,
0.3316

■ 48.3905, 0.3060,
0.3316

■ 380.3379, 0.3093,
0.3303

■ 34.1362, 0.3052,
0.3319

■ 87.7855, 0.3072,
0.3311

■ 22.9983, 0.3041,
0.3323

■ 113.6951, 0.3077,
0.3310

■ 14.5922, 0.3027,
0.3329

■ 144.2585, 0.3081,
0.3308

■ 8.5337, 0.3007,
0.3336

■ 179.8603, 0.3084,
0.3307

■ 4.4383, 0.2978,
0.3347

■ 220.8847, 0.3087,
0.3306

■ 1.9216, 0.2931,
0.3365

■ 267.7161, 0.3089,

■ 0.5613, 0.2704,

0.3305

0.3453

320.7391, 0.3091,
0.3304

0.0000, 0.0000,
0.0000

48.3905, 0.3060,
0.3316

48.3905, 0.3060,
0.3316

46.1890, 0.2938,
0.3368

50.9012, 0.3186,
0.3269

44.2784, 0.2824,
0.3425

53.7264, 0.3314,
0.3226

42.6477, 0.2719,
0.3487

56.8791, 0.3442,
0.3189

41.2829, 0.2627,
0.3553

60.3697, 0.3568,
0.3155

40.1686, 0.2550,
0.3621

61.1523, 0.3563,
0.3118

■ 39.2883, 0.2491,
0.3692

■ 61.3340, 0.3532,
0.3080

■ 38.6229, 0.2451,
0.3765

■ 61.5200, 0.3501,
0.3042

■ 38.1506, 0.2430,
0.3838

■ 61.7105, 0.3470,
0.3004

■ 37.8444, 0.2427,
0.3910

■ 61.9053, 0.3439,
0.2967

Harmonies

Analogous

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



48.3905, 0.3108, 0.3357



48.3905, 0.3060, 0.3316



48.3905, 0.3030, 0.3268

Triad

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



48.3905, 0.3060, 0.3316



48.3905, 0.3092, 0.3202



48.3905, 0.3230, 0.3353

Complementary

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



48.3905, 0.3060, 0.3316



45.2559, 0.3199, 0.3264

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.



48.3905, 0.3226, 0.3311



48.3905, 0.3060, 0.3316



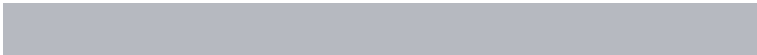
48.3905, 0.3146, 0.3224

Square

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



48.3905, 0.3060, 0.3316



48.3905, 0.3048, 0.3202



48.3905, 0.3195, 0.3264



48.3905, 0.3206, 0.3379

Rectangle

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



48.3905, 0.3060, 0.3316



48.3905, 0.3024, 0.3239



48.3905, 0.3195, 0.3264



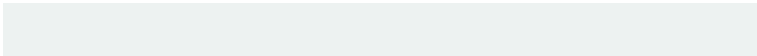
48.3905, 0.3232, 0.3340

Sweetspot

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



48.3926, 0.3060, 0.3316



88.0951, 0.3102, 0.3300



48.3205, 0.3139, 0.3422



19.4100, 0.3103, 0.3299



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.



48.3926, 0.3060, 0.3316



86.3525, 0.3051, 0.3320



47.2837, 0.3046, 0.3253



10.9209, 0.3045, 0.3322



26.0051, 0.2426, 0.3934



1.0271, 0.2378, 0.3762

Inverse Universe

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



45.2559, 0.3199, 0.3264



80.0001, 0.3209, 0.3261



46.3097, 0.3213, 0.3327



10.0584, 0.3216, 0.3258



7.3818, 0.6048, 0.3106



0.2986, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 48.3905, 0.3060, 0.3316 looks on a white background.

Color Contrast Check

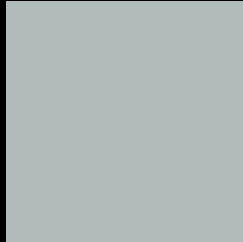
Large Text (above 18pt) WCAG AA × Fail

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 48.3905, 0.3060, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

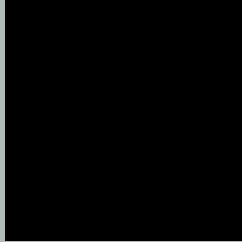
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

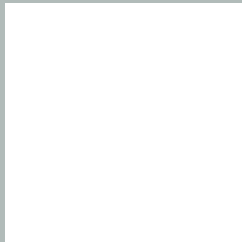
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3905, 0.3060, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 48.3905, 0.3060, 0.3316.



This preview shows how white text looks on a background with the Yxy color 48.3905, 0.3060, 0.3316.

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

48.3905, 0.3060, 0.3316

Protanopia

48.3912, 0.3169, 0.3303

Deuteranopia

48.2456, 0.3253, 0.3192



Tritanopia

48.4052, 0.2972, 0.3111

Trichromacy



Original Color

48.3905, 0.3060, 0.3316

Protanomaly

48.3490, 0.3127, 0.3303

Deuteranomaly

48.2075, 0.3181, 0.3240

Tritanomaly

48.4778, 0.3001, 0.3187

Monochromacy



Original Color

48.3905, 0.3060, 0.3316

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9824, 0.3102, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3905, 0.3060, 0.3316 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(177, 187, 185)` looks like.

```
.text, #text, p{  
    color:rgb(177, 187, 185)  
}
```

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(177, 187, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 187, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.3905, 0.3060, 0.3316 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(177, 187, 185) }
```

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

```
.border{ border-color:rgb(177, 187, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 187, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 187, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 187, 185);  
box-shadow:4px 4px 4px 4px rgb(177, 187,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3905, 0.3060, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 187, 185) }
```

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

```
.background{ background-color: rgb(177,  
187, 185) }
```

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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