

Converting Colors

$Yxy(48.4663, 0.3076, 0.3329)$

Have a look what the booklet for
Yxy(48.4663, 0.3076, 0.3329)
contains.

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Color

Yxy(48.4663, 0.3076, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	B2BBB8
RGB	178, 187, 184
RGB Percent	70%, 73%, 72%
CMY	0.3019, 0.2667, 0.2784
CMYK	0.05, 0.00, 0.02, 0.27
HSL	160°, 6%, 72%
HSV	160°, 5%, 73%
XYZ	44.7829, 48.4663, 52.3389
YIQ	183.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

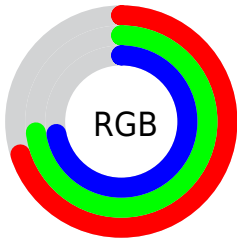
Format	Color
RYB	178, 183, 187
Decimal	11713464
CIELab	75.12, -3.68, 0.43
CIELCh	75, 3.705, 173.328
Yxy	48.4663, 0.3076, 0.3329
Android (android.graphics.Color)	4289903544 (0xFFB2BBB8)
YUV	183.9670, 0.0163, -5.2331
Hunter-Lab	69.6177, -7.0076, 4.1579

Details

The Yxy color **48.4663, 0.3076, 0.3329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7462, 0.3181, 0.3251**, and the grayscale version is **47.9168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8849, 0.3087, 0.3320**, and **23.0489, 0.3058, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **46.1484, 0.2972, 0.3417**, and if you desaturate by 10%, it is **51.1015, 0.3183, 0.3250**.

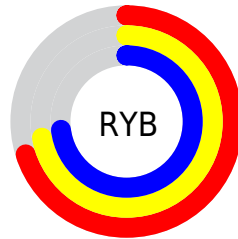
Distribution



Red (70%)

Green (73%)

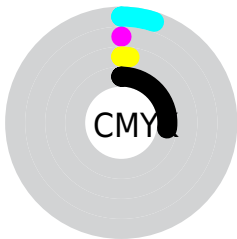
Blue (72%)



Red (70%)

Yellow (72%)

Blue (73%)

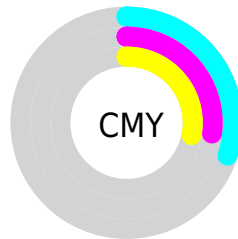


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4663, 0.3076, 0.3329 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 48.4663, 0.3076, 0.3329 by changing the saturation by 10% instead.

■ 48.4663, 0.3076,
0.3329

■ 48.4663, 0.3076,
0.3329

380.6375, 0.3101,
0.3310

■ 34.1963, 0.3070,
0.3334

■ 87.8983, 0.3085,
0.3322

■ 23.0444, 0.3062,
0.3340

113.8290, 0.3089,
0.3319

■ 14.6263, 0.3051,
0.3348

144.4155, 0.3092,
0.3317

■ 8.5576, 0.3036,
0.3360

180.0421, 0.3094,
0.3315

■ 4.4537, 0.3014,
0.3377

221.0932, 0.3096,
0.3314

■ 1.9305, 0.2977,
0.3405

267.9532, 0.3098,

■ 0.5666, 0.2801,

0.3312

0.3537

321.0065, 0.3100,
0.3311

0.0000, 0.0000,
0.0000

48.4663, 0.3076,
0.3329

48.4663, 0.3076,
0.3329

46.1484, 0.2972,
0.3417

51.1015, 0.3183,
0.3250

44.1293, 0.2873,
0.3513

54.0593, 0.3290,
0.3180

42.3980, 0.2782,
0.3618

57.3528, 0.3397,
0.3118

40.9405, 0.2702,
0.3731

60.9925, 0.3501,
0.3063

39.7413, 0.2636,
0.3851

61.7214, 0.3468,
0.3001

■ 38.7838, 0.2586,
0.3975

■ 62.0495, 0.3417,
0.2939

■ 38.0490, 0.2555,
0.4103

■ 62.3900, 0.3366,
0.2878

■ 37.5151, 0.2544,
0.4231

■ 62.7431, 0.3317,
0.2818

■ 37.1558, 0.2553,
0.4357

■ 63.1089, 0.3269,
0.2759

Harmonies

Analogous

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



48.4663, 0.3125, 0.3364



48.4663, 0.3076, 0.3329



48.4663, 0.3040, 0.3283

Triad

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



48.4663, 0.3076, 0.3329



48.4663, 0.3078, 0.3203



48.4663, 0.3228, 0.3339

Complementary

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



48.4663, 0.3076, 0.3329



45.7462, 0.3181, 0.3251

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.



48.4663, 0.3215, 0.3296



48.4663, 0.3076, 0.3329



48.4663, 0.3128, 0.3218

Square

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



48.4663, 0.3076, 0.3329



48.4663, 0.3042, 0.3211



48.4663, 0.3178, 0.3252



48.4663, 0.3213, 0.3370

Rectangle

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



48.4663, 0.3076, 0.3329



48.4663, 0.3029, 0.3254



48.4663, 0.3178, 0.3252



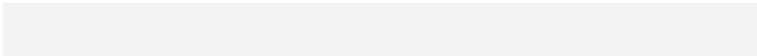
48.4663, 0.3226, 0.3326

Sweetspot

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



48.4684, 0.3076, 0.3329



88.5255, 0.3116, 0.3298



48.5993, 0.3148, 0.3407



19.5001, 0.3117, 0.3298



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.



48.4684, 0.3076, 0.3329



86.2379, 0.3062, 0.3340



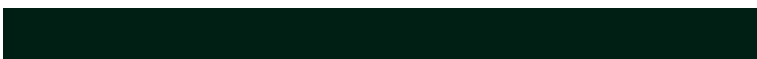
48.0261, 0.3054, 0.3272



10.9053, 0.3058, 0.3344



25.5127, 0.2558, 0.4407



1.0110, 0.2474, 0.4106

Inverse Universe

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



45.7462, 0.3181, 0.3251



80.1105, 0.3196, 0.3241



46.1637, 0.3204, 0.3308



10.0734, 0.3202, 0.3237



7.5350, 0.5607, 0.2863



0.3076, 0.4921, 0.2485

Previews

White Background



This preview shows how the Yxy color 48.4663, 0.3076, 0.3329 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 48.4663, 0.3076, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

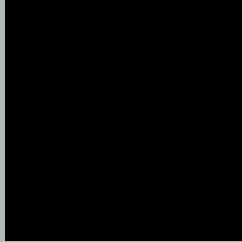
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

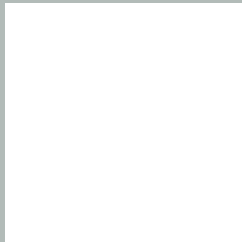
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4663, 0.3076, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 48.4663, 0.3076, 0.3329.



This preview shows how white text looks on a background with the Yxy color 48.4663, 0.3076, 0.3329.

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

48.4663, 0.3076, 0.3329

Protanopia

48.4772, 0.3185, 0.3316

Deuteranopia

48.3419, 0.3270, 0.3204



Tritanopia

48.5247, 0.2980, 0.3111

Trichromacy



Original Color

48.4663, 0.3076, 0.3329

Protanomaly

48.4311, 0.3143, 0.3316

Deuteranomaly

48.2961, 0.3197, 0.3252

Tritanomaly

48.5966, 0.3009, 0.3187

Monochromacy



Original Color

48.4663, 0.3076, 0.3329

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1037, 0.3110, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4663, 0.3076, 0.3329 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(178, 187, 184)` looks like.

```
.text, #text, p{  
    color:rgb(178, 187, 184)  
}
```

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(178, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 187, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.4663, 0.3076, 0.3329 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(178, 187, 184) }
```

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

```
.border{ border-color:rgb(178, 187, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 187, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(178, 187,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4663, 0.3076, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 187, 184) }
```

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

```
.background{ background-color: rgb(178,  
187, 184) }
```

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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