

Converting Colors

$Yxy(51.1872, 0.3031, 0.3191)$

Have a look what the booklet for
Yxy(51.1872, 0.3031, 0.3191)
contains.

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Color

Yxy(51.2184, 0.3027, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	B9BEC6
RGB	185, 190, 198
RGB Percent	73%, 75%, 78%
CMY	0.2747, 0.2548, 0.2236
CMYK	0.07, 0.04, 0.00, 0.22
HSL	217°, 10%, 75%
HSV	217°, 7%, 78%
XYZ	48.6013, 51.2184, 60.7396
YIQ	189.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

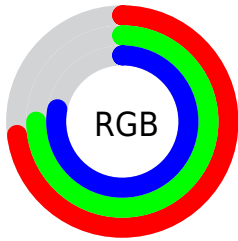
Format	Color
R _Y B	185, 189, 198
Decimal	12172998
CIE Lab	76.81, -0.22, -4.62
CIE LCh	77, 4.626, 267.274
Yxy	51.2184, 0.3027, 0.3190
Android (android.graphics.Color)	4290363078 (0xFFB9BEC6)
YUV	189.4170, 4.2314, -3.8737
Hunter-Lab	71.5670, -4.0227, -0.2230

Details

The Yxy color **51.2184, 0.3027, 0.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5987, 0.3229, 0.3388**, and the grayscale version is **51.1135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8323, 0.3043, 0.3201**, and **24.8105, 0.3003, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **43.9093, 0.2867, 0.3023**, and if you desaturate by 10%, it is **59.3085, 0.3177, 0.3339**.

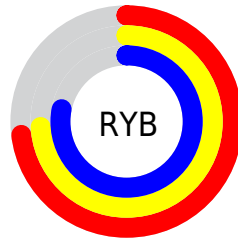
Distribution



Red (73%)

Green (75%)

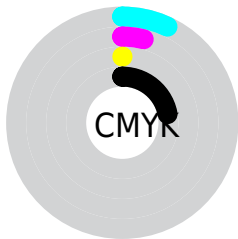
Blue (78%)



Red (73%)

Yellow (74%)

Blue (78%)

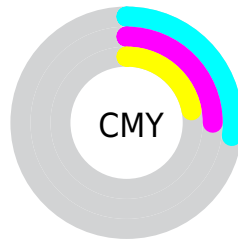


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2184, 0.3027, 0.3190 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 51.2184, 0.3027, 0.3190 by changing the saturation by 10% instead.

■ 51.2184, 0.3027,
0.3190

■ 51.2184, 0.3027,
0.3190

391.4117, 0.3076,
0.3239

■ 36.3824, 0.3015,
0.3178

■ 91.9775, 0.3045,
0.3208

■ 24.7297, 0.3000,
0.3163

118.6695, 0.3051,
0.3214

■ 15.8758, 0.2979,
0.3142

150.0822, 0.3057,
0.3220

■ 9.4363, 0.2952,
0.3114

186.6002, 0.3062,
0.3225

■ 5.0268, 0.2911,
0.3074

228.6077, 0.3066,
0.3229

■ 2.2630, 0.2846,
0.3008

276.4892, 0.3070,

■ 0.7540, 0.2714,

0.3233

0.2877

330.6291, 0.3073,
0.3236

0.0000, 0.0000,
0.0000

51.2184, 0.3027,
0.3190

51.2184, 0.3027,
0.3190

43.9093, 0.2867,
0.3023

59.3085, 0.3177,
0.3339

37.3500, 0.2700,
0.2837

68.1965, 0.3317,
0.3470

31.5170, 0.2528,
0.2634

77.9068, 0.3446,
0.3585

26.3825, 0.2355,
0.2414

86.6874, 0.3500,
0.3695

21.9171, 0.2188,
0.2184

93.9733, 0.3475,
0.3808

■ 18.0889, 0.2032,
0.1948

■ 96.8564, 0.3466,
0.3850

■ 14.8626, 0.1895,
0.1714

■ 12.1989, 0.1783,
0.1492

■ 10.0494, 0.1699,
0.1289

Harmonies

Analogous

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



51.2184, 0.3006, 0.3223



51.2184, 0.3027, 0.3190



51.2184, 0.3075, 0.3184

Triad

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



51.2184, 0.3027, 0.3190



51.2184, 0.3239, 0.3304



51.2184, 0.3117, 0.3377

Complementary

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



51.2184, 0.3027, 0.3190



53.5987, 0.3229, 0.3388

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.



51.2184, 0.3179, 0.3398



51.2184, 0.3027, 0.3190



51.2184, 0.3250, 0.3356

Square

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



51.2184, 0.3027, 0.3190



51.2184, 0.3197, 0.3250



51.2184, 0.3228, 0.3391



51.2184, 0.3057, 0.3331

Rectangle

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



51.2184, 0.3027, 0.3190



51.2184, 0.3116, 0.3196



51.2184, 0.3228, 0.3391



51.2184, 0.3138, 0.3387

Sweetspot

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



51.2206, 0.3027, 0.3190



97.0761, 0.3097, 0.3260



54.5270, 0.3063, 0.3355



20.8090, 0.3098, 0.3262



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.



51.2206, 0.3027, 0.3190



88.6477, 0.3003, 0.3166



49.2188, 0.3038, 0.3126



10.9543, 0.2983, 0.3145



6.2754, 0.1681, 0.1249



0.4374, 0.1799, 0.1675

Inverse Universe

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



50.3949, 0.3197, 0.3228



86.8919, 0.3215, 0.3213



55.7076, 0.3213, 0.3450



10.7043, 0.3230, 0.3200



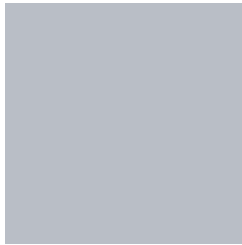
8.1735, 0.5397, 0.2747



0.4012, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 51.2184, 0.3027, 0.3190 looks on a white background.

Color Contrast Check

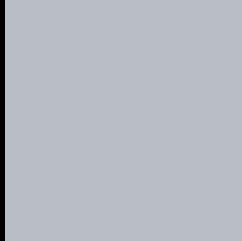
Large Text (above 18pt) WCAG AA × Fail

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 51.2184, 0.3027, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

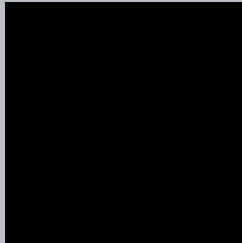
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

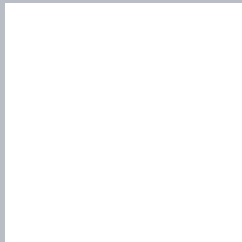
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2184, 0.3027, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 51.2184, 0.3027, 0.3190.



This preview shows how white text looks on a background with the Yxy color 51.2184, 0.3027, 0.3190.

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

51.2184, 0.3027, 0.3190

Protanopia

51.0740, 0.3083, 0.3178

Deuteranopia

51.1010, 0.3169, 0.3110



Tritanopia

51.1939, 0.2992, 0.3104

Trichromacy



Original Color

51.2184, 0.3027, 0.3190

Protanomaly

51.2452, 0.3067, 0.3190

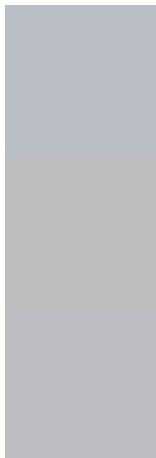
Deuteranomaly

50.9771, 0.3110, 0.3131

Tritanomaly

51.0986, 0.3006, 0.3128

Monochromacy



Original Color

51.2184, 0.3027, 0.3190

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8923, 0.3096, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2184, 0.3027, 0.3190 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(185, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 198)  
}
```

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(185, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 198) }
```

Border

The CSS property to change the border of an element to Yxy 51.2184, 0.3027, 0.3190 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(185, 190, 198) }
```

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

```
.border{ border-color:rgb(185, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 190, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 190, 198); box-shadow:4px 4px 4px 4px rgb(185, 190, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2184, 0.3027, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 198) }
```

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

```
.background{ background-color: rgb(185,  
190, 198) }
```

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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