

Converting Colors

Yxy(52.0547, 0.3044, 0.3353)

Have a look what the booklet for
Yxy(52.0547, 0.3044, 0.3353)
contains.

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Color

Yxy(51.8414, 0.3045, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	B3C2BD
RGB	179, 194, 189
RGB Percent	70%, 76%, 74%
CMY	0.2980, 0.2392, 0.2589
CMYK	0.08, 0.00, 0.03, 0.24
HSL	160°, 11%, 73%
HSV	160°, 8%, 76%
XYZ	47.0653, 51.8414, 55.6592
YIQ	188.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

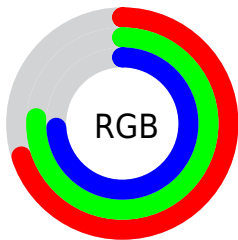
Format	Color
R _Y B	179, 188, 194
Decimal	11780797
CIE Lab	77.19, -6.09, 0.75
CIE LCh	77, 6.139, 172.978
Yxy	51.8414, 0.3045, 0.3354
Android (android.graphics.Color)	4289970877 (0xFFB3C2BD)
YUV	188.9450, 0.0271, -8.7218
Hunter-Lab	72.0010, -9.3205, 4.5675

Details

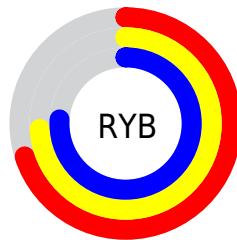
The Yxy color **51.8414, 0.3045, 0.3354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1714, 0.3217, 0.3227**, and the grayscale version is **50.8591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6260, 0.3062, 0.3340**, and **24.9694, 0.3017, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **49.4165, 0.2942, 0.3445**, and if you desaturate by 10%, it is **54.6086, 0.3151, 0.3272**.

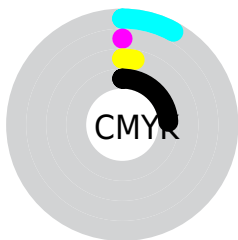
Distribution



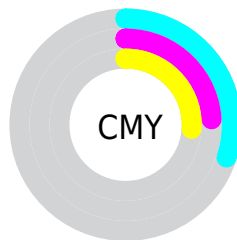
- Red (70%)
- Green (76%)
- Blue (74%)



- Red (70%)
- Yellow (74%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8414, 0.3045, 0.3354 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 51.8414, 0.3045, 0.3354 by changing the saturation by 10% instead.

■ 51.8414, 0.3045,
0.3354

■ 51.8414, 0.3045,
0.3354

393.8240, 0.3085,
0.3323

■ 36.8787, 0.3035,
0.3362

■ 92.8973, 0.3060,
0.3343

■ 25.1136, 0.3022,
0.3372

119.7593, 0.3065,
0.3338

■ 16.1617, 0.3006,
0.3385

151.3564, 0.3070,
0.3335

■ 9.6386, 0.2983,
0.3403

188.0732, 0.3074,
0.3332

■ 5.1600, 0.2949,
0.3429

230.2939, 0.3077,
0.3329

■ 2.3415, 0.2896,
0.3471

278.4030, 0.3080,

■ 0.7955, 0.2740,

0.3327

0.3589

332.7849, 0.3083,
0.3324

0.0000, 0.0000,
0.0000

51.8414, 0.3045,
0.3354

51.8414, 0.3045,
0.3354

49.4165, 0.2942,
0.3445

54.6086, 0.3151,
0.3272

47.3136, 0.2845,
0.3544

57.7242, 0.3259,
0.3199

45.5203, 0.2757,
0.3652

61.2029, 0.3366,
0.3134

44.0208, 0.2680,
0.3768

64.7511, 0.3459,
0.3076

42.7979, 0.2619,
0.3889

65.0916, 0.3407,
0.3011

■ 41.8326, 0.2575,
0.4016

■ 65.4455, 0.3357,
0.2947

■ 41.1035, 0.2550,
0.4144

■ 65.8129, 0.3307,
0.2884

■ 40.5852, 0.2545,
0.4272

■ 66.1941, 0.3258,
0.2823

■ 40.2410, 0.2559,
0.4398

■ 66.5891, 0.3210,
0.2762

Harmonies

Analogous

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



51.8414, 0.3125, 0.3411



51.8414, 0.3045, 0.3354



51.8414, 0.2987, 0.3280

Triad

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



51.8414, 0.3045, 0.3354



51.8414, 0.3047, 0.3149



51.8414, 0.3290, 0.3368

Complementary

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



51.8414, 0.3045, 0.3354



47.1714, 0.3217, 0.3227

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.



51.8414, 0.3269, 0.3298



51.8414, 0.3045, 0.3354



51.8414, 0.3128, 0.3173

Square

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



51.8414, 0.3045, 0.3354



51.8414, 0.2989, 0.3162



51.8414, 0.3209, 0.3227



51.8414, 0.3267, 0.3418

Rectangle

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



51.8414, 0.3045, 0.3354



51.8414, 0.2969, 0.3231



51.8414, 0.3209, 0.3227



51.8414, 0.3288, 0.3346

Sweetspot

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



51.8436, 0.3045, 0.3354



96.7008, 0.3105, 0.3306



52.0628, 0.3160, 0.3482



21.1875, 0.3107, 0.3306



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.



51.8436, 0.3045, 0.3354



93.2651, 0.3030, 0.3366



51.0710, 0.3009, 0.3261



11.3693, 0.3028, 0.3368



26.4264, 0.2558, 0.4410



1.1542, 0.2480, 0.4129

Inverse Universe

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



47.1714, 0.3217, 0.3227



83.3568, 0.3235, 0.3215



47.8742, 0.3256, 0.3319



10.1323, 0.3238, 0.3213



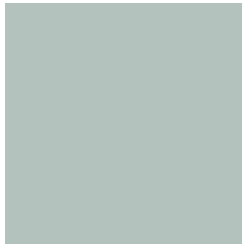
7.8050, 0.5609, 0.2863



0.3502, 0.4972, 0.2513

Previews

White Background



This preview shows how the Yxy color 51.8414, 0.3045, 0.3354 looks on a white background.

Color Contrast Check

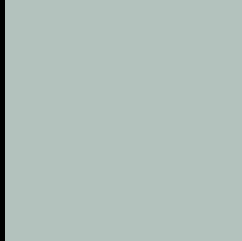
Large Text (above 18pt) WCAG AA × Fail

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 51.8414, 0.3045, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

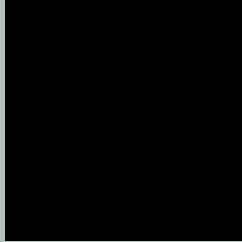
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

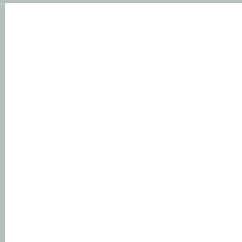
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8414, 0.3045, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 51.8414, 0.3045, 0.3354.



This preview shows how white text looks on a background with the Yxy color 51.8414, 0.3045, 0.3354.

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

51.8414, 0.3045, 0.3354

Protanopia

51.9742, 0.3199, 0.3340

Deuteranopia

51.4525, 0.3275, 0.3207



Tritanopia

51.7117, 0.2940, 0.3091

Trichromacy



Original Color

51.8414, 0.3045, 0.3354

Protanomaly

51.6683, 0.3141, 0.3340

Deuteranomaly

51.5545, 0.3186, 0.3266

Tritanomaly

51.6932, 0.2982, 0.3189

Monochromacy



Original Color

51.8414, 0.3045, 0.3354

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2500, 0.3094, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8414, 0.3045, 0.3354 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(179, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 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(179, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.8414, 0.3045, 0.3354 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(179, 194, 189) }
```

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

```
.border{ border-color:rgb(179, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8414, 0.3045, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 189) }
```

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

```
.background{ background-color: rgb(179,  
194, 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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