

Converting Colors

Yxy(51.2101, 0.3068, 0.3358)

Have a look what the booklet for
Yxy(51.2101, 0.3068, 0.3358)
contains.

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Color

Yxy(50.9904, 0.3068, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	B4C0BB
RGB	180, 192, 187
RGB Percent	71%, 75%, 73%
CMY	0.2941, 0.2470, 0.2667
CMYK	0.06, 0.00, 0.03, 0.25
HSL	155°, 9%, 73%
HSV	155°, 6%, 75%
XYZ	46.6424, 50.9904, 54.3958
YIQ	187.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

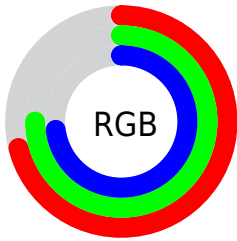
Format	Color
RYB	180, 188, 192
Decimal	11845819
CIELab	76.67, -5.07, 1.09
CIELCh	77, 5.186, 167.916
Yxy	50.9904, 0.3068, 0.3354
Android (android.graphics.Color)	4290035899 (0xFFB4C0BB)
YUV	187.8420, -0.4151, -6.8774
Hunter-Lab	71.4076, -8.3696, 4.8202

Details

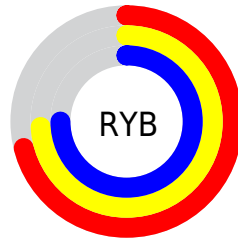
The Yxy color **50.9904, 0.3068, 0.3354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3555, 0.3190, 0.3227**, and the grayscale version is **50.2013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4387, 0.3081, 0.3340**, and **24.6985, 0.3048, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **48.5118, 0.2975, 0.3466**, and if you desaturate by 10%, it is **53.8117, 0.3163, 0.3254**.

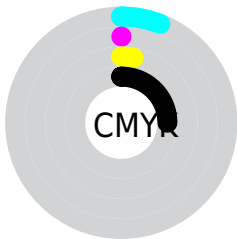
Distribution



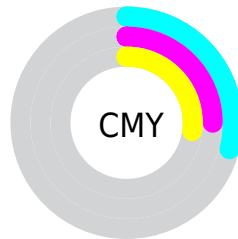
- Red (71%)
- Green (75%)
- Blue (73%)



- Red (71%)
- Yellow (74%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9904, 0.3068, 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 50.9904, 0.3068, 0.3354 by changing the saturation by 10% instead.

■ 50.9904, 0.3068,
0.3354

■ 50.9904, 0.3068,
0.3354

390.5265, 0.3097,
0.3322

■ 36.2010, 0.3061,
0.3362

■ 91.6406, 0.3079,
0.3343

■ 24.5894, 0.3052,
0.3372

118.2701, 0.3083,
0.3338

■ 15.7714, 0.3039,
0.3385

149.6152, 0.3086,
0.3335

■ 9.3626, 0.3023,
0.3403

186.0601, 0.3089,
0.3332

■ 4.9784, 0.2998,
0.3430

227.9893, 0.3091,
0.3329

■ 2.2346, 0.2958,
0.3474

275.7871, 0.3094,

■ 0.7388, 0.2827,

0.3326

0.3611

329.8381, 0.3096,
0.3324

0.0000, 0.0000,
0.0000

50.9904, 0.3068,
0.3354

50.9904, 0.3068,
0.3354

48.5118, 0.2975,
0.3466

53.8117, 0.3163,
0.3254

46.3561, 0.2887,
0.3590

56.9817, 0.3258,
0.3164

44.5111, 0.2807,
0.3724


60.5146, 0.3352,
0.3086

42.9615, 0.2736,
0.3870


64.0772, 0.3429,
0.3015

41.6906, 0.2680,
0.4023


64.5094, 0.3366,
0.2936


 40.6800, 0.2640,
0.4183


 64.9623, 0.3304,
0.2858


 39.9090, 0.2619,
0.4345

 65.4360, 0.3243,
0.2782

 39.3536, 0.2618,
0.4507

 65.9308, 0.3184,
0.2709

 38.9828, 0.2636,
0.4665

 66.1806, 0.3156,
0.2673

Harmonies

Analogous

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



50.9904, 0.3138, 0.3398



50.9904, 0.3068, 0.3354



50.9904, 0.3015, 0.3292

Triad

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



50.9904, 0.3068, 0.3354



50.9904, 0.3049, 0.3170



50.9904, 0.3265, 0.3347

Complementary

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



50.9904, 0.3068, 0.3354



47.3555, 0.3190, 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.



50.9904, 0.3241, 0.3287



50.9904, 0.3068, 0.3354



50.9904, 0.3116, 0.3185

Square

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



50.9904, 0.3068, 0.3354



50.9904, 0.3004, 0.3186



50.9904, 0.3186, 0.3228



50.9904, 0.3252, 0.3394

Rectangle

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



50.9904, 0.3068, 0.3354



50.9904, 0.2995, 0.3250



50.9904, 0.3186, 0.3228



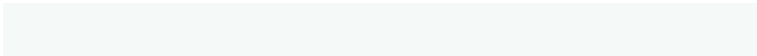
50.9904, 0.3261, 0.3328

Sweetspot

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



50.9926, 0.3068, 0.3354



94.4698, 0.3108, 0.3310



51.3361, 0.3162, 0.3443



20.2780, 0.3109, 0.3309



97.7402, 0.3127, 0.3290



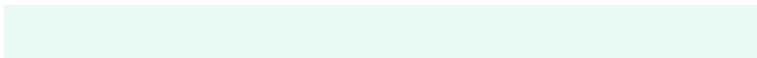
20.4902, 0.3127, 0.3290

Same Dimension

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



50.9926, 0.3068, 0.3354



91.9801, 0.3060, 0.3363



50.8604, 0.3032, 0.3280



11.4643, 0.3056, 0.3367



26.1691, 0.2640, 0.4704



1.1442, 0.2542, 0.4353

Inverse Universe

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



47.3555, 0.3190, 0.3227



84.5219, 0.3200, 0.3218



47.4717, 0.3230, 0.3300



10.4847, 0.3204, 0.3214



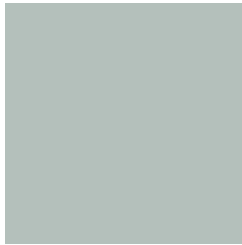
7.9463, 0.5282, 0.2684



0.3571, 0.4709, 0.2368

Previews

White Background



This preview shows how the Yxy color 50.9904, 0.3068, 0.3354 looks on a white background.

Color Contrast Check

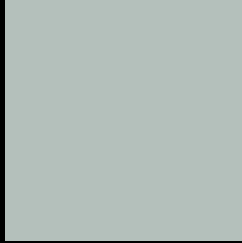
Large Text (above 18pt) WCAG AA × Fail

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 50.9904, 0.3068, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

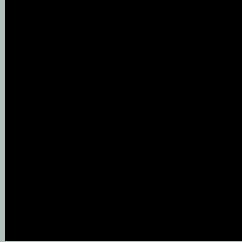
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

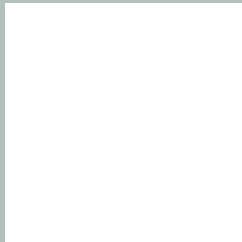
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9904, 0.3068, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 50.9904, 0.3068, 0.3354.



This preview shows how white text looks on a background with the Yxy color 50.9904, 0.3068, 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

50.9904, 0.3068, 0.3354

Protanopia

50.8067, 0.3192, 0.3328

Deuteranopia

50.8065, 0.3284, 0.3218



Tritanopia

50.8221, 0.2968, 0.3102

Trichromacy



Original Color

50.9904, 0.3068, 0.3354

Protanomaly

50.6317, 0.3142, 0.3328

Deuteranomaly

50.6190, 0.3204, 0.3266

Tritanomaly

50.8492, 0.3004, 0.3189

Monochromacy



Original Color

50.9904, 0.3068, 0.3354

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3403, 0.3102, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9904, 0.3068, 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(180, 192, 187)` looks like.

```
.text, #text, p{  
    color:rgb(180, 192, 187)  
}
```

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(180, 192, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 192, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.9904, 0.3068, 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(180, 192, 187) }
```

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

```
.border{ border-color:rgb(180, 192, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 192, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 192, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 192, 187); box-shadow:4px 4px 4px 4px rgb(180, 192, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9904, 0.3068, 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(180, 192, 187) }
```

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

```
.background{ background-color: rgb(180,  
192, 187) }
```

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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