

Converting Colors

Yxy(54.7638, 0.3090, 0.3339)

Have a look what the booklet for
Yxy(54.7638, 0.3090, 0.3339)
contains.

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Color

Yxy(54.6016, 0.3093, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	BDC5C1
RGB	189, 197, 193
RGB Percent	74%, 77%, 76%
CMY	0.2589, 0.2274, 0.2430
CMYK	0.04, 0.00, 0.02, 0.23
HSL	150°, 6%, 76%
HSV	150°, 4%, 77%
XYZ	50.5788, 54.6016, 58.3464
YIQ	194.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

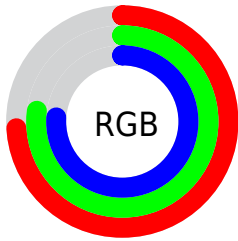
Format	Color
RYB	189, 194, 197
Decimal	12436929
CIELab	78.81, -3.49, 1.02
CIElCh	79, 3.636, 163.716
Yxy	54.6016, 0.3093, 0.3339
Android (android.graphics.Color)	4290627009 (0xFFBDC5C1)
YUV	194.1520, -0.5679, -4.5183
Hunter-Lab	73.8929, -7.1314, 4.9092

Details

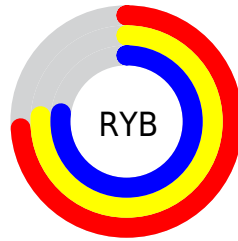
The Yxy color **54.6016, 0.3093, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1091, 0.3163, 0.3241**, and the grayscale version is **54.0497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1357, 0.3100, 0.3339**, and **26.7726, 0.3083, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **51.8325, 0.3010, 0.3470**, and if you desaturate by 10%, it is **57.7463, 0.3177, 0.3223**.

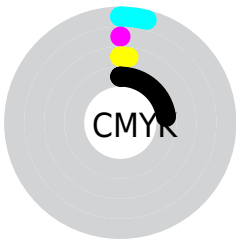
Distribution



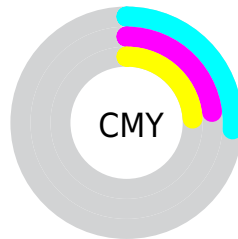
- Red (74%)
- Green (77%)
- Blue (76%)



- Red (74%)
- Yellow (76%)
- Blue (77%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (26%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6016, 0.3093, 0.3339 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 54.6016, 0.3093, 0.3339 by changing the saturation by 10% instead.

■ 54.6016, 0.3093,
0.3339

■ 54.6016, 0.3093,
0.3339

404.4000, 0.3110,
0.3315

■ 39.0828, 0.3089,
0.3345

■ 96.9570, 0.3099,
0.3330

■ 26.8242, 0.3084,
0.3352

124.5624, 0.3101,
0.3327

■ 17.4412, 0.3077,
0.3362

156.9655, 0.3103,
0.3324

■ 10.5496, 0.3068,
0.3375

194.5507, 0.3105,
0.3322

■ 5.7648, 0.3054,
0.3394

237.7023, 0.3106,
0.3320

■ 2.7026, 0.3033,
0.3425

286.8048, 0.3108,

■ 0.9785, 0.2995,

0.3318

0.3480

342.2426, 0.3109,
0.3317

0.0000, 0.0000,
0.0000

54.6016, 0.3093,
0.3339

54.6016, 0.3093,
0.3339

51.8325, 0.3010,
0.3470

57.7463, 0.3177,
0.3223

49.4176, 0.2930,
0.3615

61.2730, 0.3260,
0.3120

47.3443, 0.2857,
0.3774

65.1969, 0.3342,
0.3029

45.5960, 0.2792,
0.3946

67.0231, 0.3322,
0.2938

44.1553, 0.2739,
0.4130

67.5928, 0.3249,
0.2845

■ 43.0025, 0.2702,
0.4321

■ 68.1937, 0.3178,
0.2754

■ 42.1160, 0.2683,
0.4515

■ 68.4148, 0.3154,
0.2722

■ 41.4708, 0.2683,
0.4707

■ 41.0365, 0.2704,
0.4892

Harmonies

Analogous

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



54.6016, 0.3141, 0.3367



54.6016, 0.3093, 0.3339



54.6016, 0.3054, 0.3298

Triad

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



54.6016, 0.3093, 0.3339



54.6016, 0.3068, 0.3208



54.6016, 0.3221, 0.3324

Complementary

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



54.6016, 0.3093, 0.3339



52.1091, 0.3163, 0.3241

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.



54.6016, 0.3201, 0.3282



54.6016, 0.3093, 0.3339



54.6016, 0.3113, 0.3215

Square

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



54.6016, 0.3093, 0.3339



54.6016, 0.3040, 0.3222



54.6016, 0.3161, 0.3242



54.6016, 0.3215, 0.3358

Rectangle

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



54.6016, 0.3093, 0.3339



54.6016, 0.3038, 0.3269



54.6016, 0.3161, 0.3242



54.6016, 0.3217, 0.3310

Sweetspot

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



54.6039, 0.3093, 0.3339



99.4385, 0.3119, 0.3302



54.9453, 0.3154, 0.3389



21.2899, 0.3119, 0.3301



0.0000, 0.0000, 0.0000



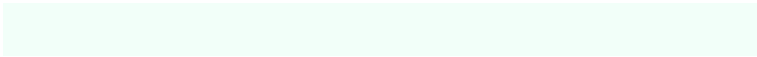
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6039, 0.3093, 0.3339



97.2617, 0.3085, 0.3352



54.7835, 0.3064, 0.3290



12.2153, 0.3080, 0.3358



26.8812, 0.2715, 0.4975



1.2874, 0.2610, 0.4594

Inverse Universe

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



52.1091, 0.3163, 0.3241



91.7253, 0.3172, 0.3229



51.9345, 0.3193, 0.3290



11.4444, 0.3177, 0.3223



8.3983, 0.4961, 0.2507



0.4123, 0.4500, 0.2253

Previews

White Background



This preview shows how the Yxy color 54.6016, 0.3093, 0.3339 looks on a white background.

Color Contrast Check

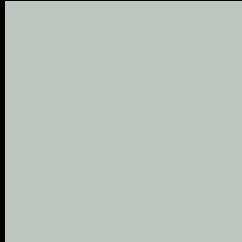
Large Text (above 18pt) WCAG AA × Fail

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 54.6016, 0.3093, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

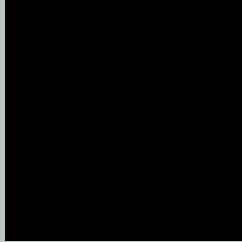
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

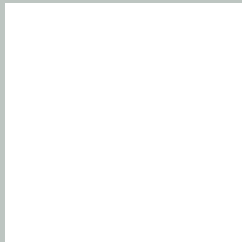
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6016, 0.3093, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 54.6016, 0.3093, 0.3339.



This preview shows how white text looks on a background with the Yxy color 54.6016, 0.3093, 0.3339.

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

54.6016, 0.3093, 0.3339

Protanopia

54.4873, 0.3190, 0.3327

Deuteranopia

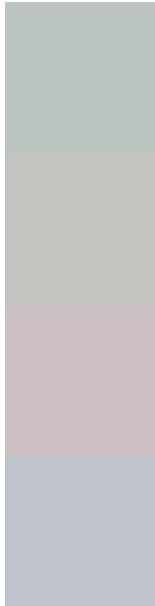
54.6315, 0.3288, 0.3220



Tritanopia

54.4432, 0.2995, 0.3097

Trichromacy



Original Color

54.6016, 0.3093, 0.3339

Protanomaly

54.4381, 0.3149, 0.3327

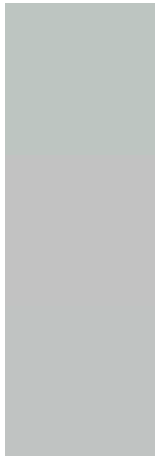
Deuteranomaly

54.5735, 0.3218, 0.3266

Tritanomaly

54.4662, 0.3030, 0.3180

Monochromacy



Original Color

54.6016, 0.3093, 0.3339

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1317, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6016, 0.3093, 0.3339 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(189, 197, 193)` looks like.

```
.text, #text, p{  
    color:rgb(189, 197, 193)  
}
```

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(189, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 197, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.6016, 0.3093, 0.3339 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(189, 197, 193) }
```

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

```
.border{ border-color:rgb(189, 197, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 197, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(189, 197,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6016, 0.3093, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 197, 193) }
```

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

```
.background{ background-color: rgb(189,  
197, 193) }
```

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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