

Converting Colors

$Yxy(54.8751, 0.3045, 0.3341)$

Have a look what the booklet for
Yxy(54.8751, 0.3045, 0.3341)
contains.

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Color

Yxy(54.9773, 0.3040, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	B8C7C3
RGB	184, 199, 195
RGB Percent	72%, 78%, 76%
CMY	0.2784, 0.2196, 0.2354
CMYK	0.08, 0.00, 0.02, 0.22
HSL	164°, 12%, 75%
HSV	164°, 8%, 78%
XYZ	50.0392, 54.9773, 59.5862
YIQ	194.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

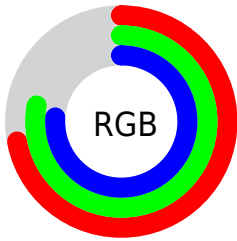
Format	Color
RYB	184, 193, 199
Decimal	12109763
CIELab	79.03, -5.87, 0.25
CIElCh	79, 5.877, 177.552
Yxy	54.9773, 0.3040, 0.3340
Android (android.graphics.Color)	4290299843 (0xFFB8C7C3)
YUV	194.0590, 0.4639, -8.8217
Hunter-Lab	74.1467, -9.2928, 4.2557

Details

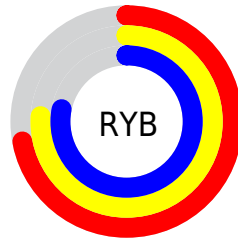
The Yxy color **54.9773, 0.3040, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0596, 0.3222, 0.3241**, and the grayscale version is **53.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0735, 0.3052, 0.3319**, and **26.9992, 0.3021, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **52.4544, 0.2928, 0.3413**, and if you desaturate by 10%, it is **57.8592, 0.3156, 0.3275**.

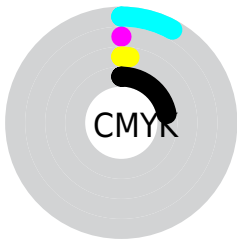
Distribution



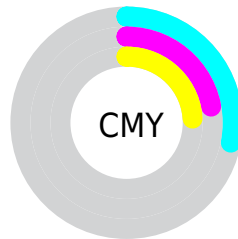
- Red (72%)
- Green (78%)
- Blue (76%)



- Red (72%)
- Yellow (76%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)




- Cyan (28%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9773, 0.3040, 0.3340 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 54.9773, 0.3040, 0.3340 by changing the saturation by 10% instead.


 54.9773, 0.3040,
0.3340

 54.9773, 0.3040,
0.3340


405.8259, 0.3082,
0.3316

 39.3835, 0.3030,
0.3346


 97.5077, 0.3055,
0.3331

 27.0582, 0.3017,
0.3353


125.2131, 0.3061,
0.3328

 17.6170, 0.3000,
0.3363


157.7246, 0.3066,
0.3325

 10.6753, 0.2977,
0.3376

195.4264, 0.3070,
0.3323

 5.8490, 0.2943,
0.3395

238.7031, 0.3074,
0.3321

 2.7535, 0.2891,
0.3426

287.9390, 0.3077,

 1.0044, 0.2795,

0.3319

0.3481

343.5184, 0.3080,
0.3317

0.0000, 0.0000,
0.0000

54.9773, 0.3040,
0.3340

54.9773, 0.3040,
0.3340

52.4544, 0.2928,
0.3413

57.8592, 0.3156,
0.3275

50.2692, 0.2823,
0.3492

61.1069, 0.3274,
0.3216

48.4085, 0.2728,
0.3577

64.7354, 0.3391,
0.3164

46.8557, 0.2645,
0.3669

67.0873, 0.3439,
0.3114

45.5925, 0.2577,
0.3765

67.3694, 0.3398,
0.3060

■ 44.5989, 0.2528,
0.3864

■ 67.6606, 0.3357,
0.3007

■ 43.8521, 0.2497,
0.3965

■ 67.9610, 0.3317,
0.2954

■ 43.3254, 0.2487,
0.4066

■ 68.2707, 0.3277,
0.2903

■ 42.9812, 0.2494,
0.4166

■ 68.5898, 0.3238,
0.2852

Harmonies

Analogous

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



54.9773, 0.3113, 0.3397



54.9773, 0.3040, 0.3340



54.9773, 0.2990, 0.3269

Triad

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



54.9773, 0.3040, 0.3340



54.9773, 0.3063, 0.3159



54.9773, 0.3280, 0.3372

Complementary

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



54.9773, 0.3040, 0.3340



50.0596, 0.3222, 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.



54.9773, 0.3266, 0.3308



54.9773, 0.3040, 0.3340



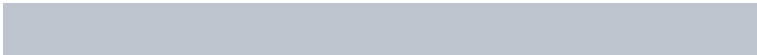
54.9773, 0.3140, 0.3186

Square

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



54.9773, 0.3040, 0.3340



54.9773, 0.3003, 0.3166



54.9773, 0.3215, 0.3241



54.9773, 0.3252, 0.3415

Rectangle

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



54.9773, 0.3040, 0.3340



54.9773, 0.2977, 0.3225



54.9773, 0.3215, 0.3241



54.9773, 0.3280, 0.3352

Sweetspot

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



54.9796, 0.3040, 0.3340



98.9575, 0.3104, 0.3303



55.0346, 0.3152, 0.3477



21.1919, 0.3105, 0.3302



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.



54.9796, 0.3040, 0.3340



95.5129, 0.3022, 0.3351



53.6850, 0.3012, 0.3249



12.0170, 0.3019, 0.3353



27.6046, 0.2494, 0.4177



1.3187, 0.2436, 0.3969

Inverse Universe

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



50.0596, 0.3222, 0.3241



85.1876, 0.3245, 0.3230



51.2537, 0.3251, 0.3330



10.6830, 0.3248, 0.3228



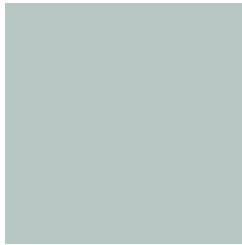
7.9888, 0.5846, 0.2994



0.3907, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 54.9773, 0.3040, 0.3340 looks on a white background.

Color Contrast Check

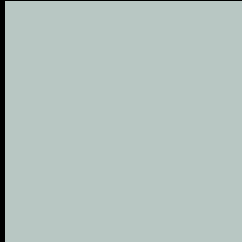
Large Text (above 18pt) WCAG AA × Fail

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 54.9773, 0.3040, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

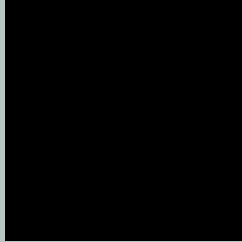
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

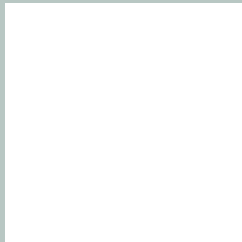
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9773, 0.3040, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 54.9773, 0.3040, 0.3340.



This preview shows how white text looks on a background with the Yxy color 54.9773, 0.3040, 0.3340.

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

54.9773, 0.3040, 0.3340

Protanopia

55.1153, 0.3190, 0.3326

Deuteranopia

54.5725, 0.3264, 0.3197



Tritanopia

54.7981, 0.2944, 0.3095

Trichromacy



Original Color

54.9773, 0.3040, 0.3340

Protanomaly

54.7994, 0.3133, 0.3327

Deuteranomaly

54.6820, 0.3177, 0.3254

Tritanomaly

54.8278, 0.2978, 0.3179

Monochromacy



Original Color

54.9773, 0.3040, 0.3340

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3220, 0.3094, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9773, 0.3040, 0.3340 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(184, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 195)  
}
```

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(184, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.9773, 0.3040, 0.3340 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(184, 199, 195) }
```

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

```
.border{ border-color:rgb(184, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9773, 0.3040, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 195) }
```

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

```
.background{ background-color: rgb(184,  
199, 195) }
```

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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