

Converting Colors

Yxy(54.9284, 0.3017, 0.3308)

Have a look what the booklet for
Yxy(54.9284, 0.3017, 0.3308)
contains.

Yxy(54.9453, 0.3018, 0.3315)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9453, 0.3018, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7C5
RGB	183, 199, 197
RGB Percent	72%, 78%, 77%
CMY	0.2825, 0.2196, 0.2275
CMYK	0.08, 0.00, 0.01, 0.22
HSL	172°, 13%, 75%
HSV	172°, 8%, 78%
XYZ	50.0226, 54.9453, 60.7796
YIQ	193.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

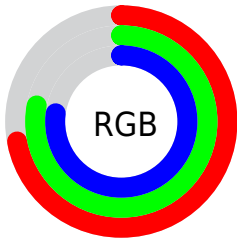
Format	Color
R _Y B	183, 192, 199
Decimal	12044229
CIE Lab	79.01, -5.84, -0.87
CIE LCh	79, 5.901, 188.437
Yxy	54.9453, 0.3018, 0.3315
Android (android.graphics.Color)	4290234309 (0xFFB7C7C5)
YUV	193.9880, 1.4849, -9.6365
Hunter-Lab	74.1251, -9.2599, 3.2721

Details

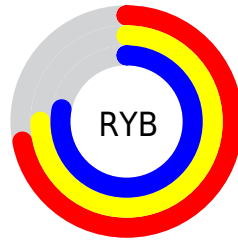
The Yxy color **54.9453, 0.3018, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5023, 0.3248, 0.3265**, and the grayscale version is **53.9341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0265, 0.3035, 0.3300**, and **26.9798, 0.2992, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **52.5630, 0.2888, 0.3349**, and if you desaturate by 10%, it is **57.6792, 0.3154, 0.3284**.

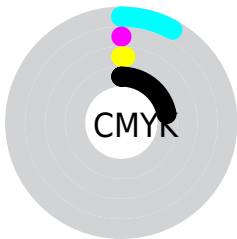
Distribution



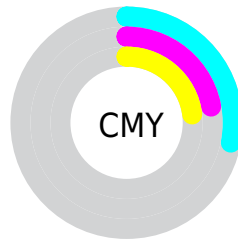
- Red (72%)
- Green (78%)
- Blue (77%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9453, 0.3018, 0.3315 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 54.9453, 0.3018, 0.3315 by changing the saturation by 10% instead.

■ 54.9453, 0.3018,
0.3315

■ 54.9453, 0.3018,
0.3315

405.7045, 0.3071,
0.3303

■ 39.3579, 0.3005,
0.3318

■ 97.4608, 0.3037,
0.3311

■ 27.0383, 0.2989,
0.3321

125.1577, 0.3044,
0.3309

■ 17.6020, 0.2968,
0.3326

157.6600, 0.3050,
0.3308

■ 10.6646, 0.2939,
0.3332

195.3519, 0.3056,
0.3307

■ 5.8418, 0.2898,
0.3341

238.6179, 0.3060,
0.3306

■ 2.7491, 0.2833,
0.3355

287.8425, 0.3064,

■ 1.0022, 0.2716,

0.3305

0.3379

343.4099, 0.3068,
0.3304

0.0000, 0.0000,
0.0000

54.9453, 0.3018,
0.3315

54.9453, 0.3018,
0.3315

52.5630, 0.2888,
0.3349

57.6792, 0.3154,
0.3284

50.5110, 0.2767,
0.3385

60.7712, 0.3293,
0.3257

48.7761, 0.2658,
0.3424

64.2367, 0.3433,
0.3232

47.3417, 0.2564,
0.3466

66.6222, 0.3512,
0.3208

46.1896, 0.2486,
0.3508

66.7467, 0.3493,
0.3183

■ 45.2997, 0.2426,
0.3552

■ 66.8732, 0.3473,
0.3157

■ 44.6490, 0.2386,
0.3597

■ 67.0016, 0.3453,
0.3131

■ 44.2108, 0.2365,
0.3641

■ 67.1321, 0.3433,
0.3106

■ 43.9449, 0.2360,
0.3685

■ 67.2646, 0.3414,
0.3080

Harmonies

Analogous

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



54.9453, 0.3085, 0.3380



54.9453, 0.3018, 0.3315



54.9453, 0.2980, 0.3244

Triad

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



54.9453, 0.3018, 0.3315



54.9453, 0.3090, 0.3165



54.9453, 0.3275, 0.3391

Complementary

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



54.9453, 0.3018, 0.3315



49.5023, 0.3248, 0.3265

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.



54.9453, 0.3276, 0.3333



54.9453, 0.3018, 0.3315



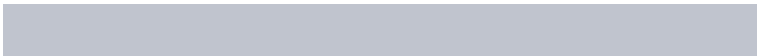
54.9453, 0.3169, 0.3203

Square

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



54.9453, 0.3018, 0.3315



54.9453, 0.3021, 0.3159



54.9453, 0.3237, 0.3264



54.9453, 0.3233, 0.3423

Rectangle

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



54.9453, 0.3018, 0.3315



54.9453, 0.2977, 0.3204



54.9453, 0.3237, 0.3264



54.9453, 0.3280, 0.3374

Sweetspot

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



54.9476, 0.3018, 0.3315



99.0039, 0.3099, 0.3296



54.5993, 0.3134, 0.3492



21.2014, 0.3101, 0.3296



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.



54.9476, 0.3018, 0.3315



95.2739, 0.2990, 0.3322



52.3863, 0.3004, 0.3216



12.0435, 0.3000, 0.3319



28.2337, 0.2358, 0.3687



1.3435, 0.2332, 0.3595

Inverse Universe

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



49.5023, 0.3248, 0.3265



83.4437, 0.3283, 0.3259



51.8941, 0.3258, 0.3363



10.6585, 0.3270, 0.3261



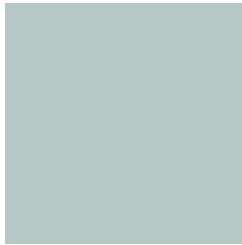
7.8607, 0.6224, 0.3203



0.3796, 0.5771, 0.2953

Previews

White Background



This preview shows how the Yxy color 54.9453, 0.3018, 0.3315 looks on a white background.

Color Contrast Check

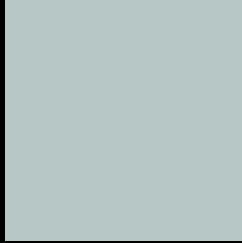
Large Text (above 18pt) WCAG AA × Fail

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 54.9453, 0.3018, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

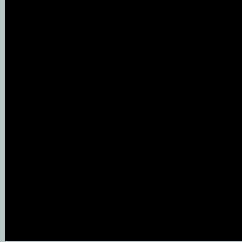
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

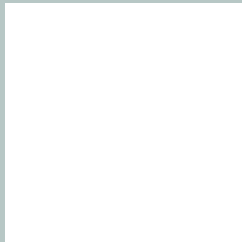
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9453, 0.3018, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 54.9453, 0.3018, 0.3315.

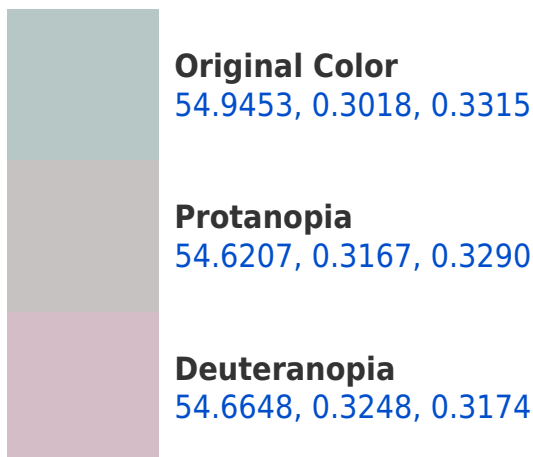


This preview shows how white text looks on a background with the Yxy color 54.9453, 0.3018, 0.3315.

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





Tritanopia

55.1251, 0.2937, 0.3107

Trichromacy



Original Color

54.9453, 0.3018, 0.3315

Protanomaly

54.7574, 0.3111, 0.3302

Deuteranomaly

54.7737, 0.3162, 0.3230

Tritanomaly

55.2074, 0.2964, 0.3179

Monochromacy



Original Color

54.9453, 0.3018, 0.3315

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3671, 0.3087, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9453, 0.3018, 0.3315 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(183, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 197)  
}
```

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(183, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.9453, 0.3018, 0.3315 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(183, 199, 197) }
```

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

```
.border{ border-color:rgb(183, 199, 197) }
```

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

Here you see how a box with a 4 pixel rgb(183, 199, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(183, 199,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9453, 0.3018, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 197) }
```

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

```
.background{ background-color: rgb(183,  
199, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor