

Converting Colors

$Yxy(54.9285, 0.3064, 0.3421)$

Have a look what the booklet for
Yxy(54.9285, 0.3064, 0.3421)
contains.

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Color

Yxy(54.9713, 0.3059, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	B6C8BE
RGB	182, 200, 190
RGB Percent	71%, 78%, 75%
CMY	0.2866, 0.2156, 0.2549
CMYK	0.09, 0.00, 0.05, 0.22
HSL	147°, 14%, 75%
HSV	147°, 9%, 78%
XYZ	49.2263, 54.9713, 56.7254
YIQ	193.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

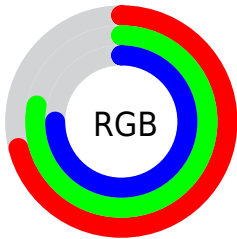
Format	Color
R_{YB}	182, 194, 200
Decimal	11978942
CIE Lab	79.02, -8.05, 2.91
CIE LCh	79, 8.563, 160.160
Yxy	54.9713, 0.3059, 0.3416
Android (android.graphics.Color)	4290169022 (0xFFB6C8BE)
YUV	193.4780, -1.7147, -10.0662
Hunter-Lab	74.1426, -11.2361, 6.5380

Details

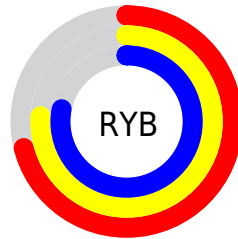
The Yxy color **54.9713, 0.3059, 0.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5137, 0.3202, 0.3167**, and the grayscale version is **53.6324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3510, 0.3074, 0.3379**, and **27.0310, 0.3038, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **52.2442, 0.2985, 0.3571**, and if you desaturate by 10%, it is **58.0878, 0.3134, 0.3278**.

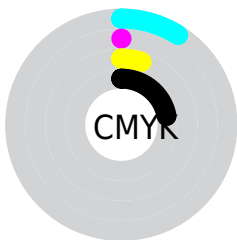
Distribution



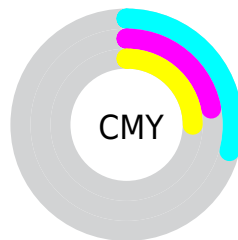
- Red (71%)
- Green (78%)
- Blue (75%)



- Red (71%)
- Yellow (76%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9713, 0.3059, 0.3416 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 54.9713, 0.3059, 0.3416 by changing the saturation by 10% instead.

 54.9713, 0.3059,
0.3416

 54.9713, 0.3059,
0.3416

405.8031, 0.3092,
0.3354

 39.3787, 0.3051,
0.3431

 97.4989, 0.3071,
0.3394

 27.0545, 0.3040,
0.3450


125.2027, 0.3076,
0.3385

 17.6142, 0.3027,
0.3476


157.7125, 0.3079,
0.3378

 10.6733, 0.3008,
0.3510

195.4125, 0.3083,
0.3372

 5.8476, 0.2981,
0.3561

238.6871, 0.3086,
0.3367

 2.7526, 0.2937,
0.3642

287.9209, 0.3088,

 1.0040, 0.2850,

0.3362

0.3801

343.4981, 0.3090,
0.3358

■ 0.0000, 0.0000,
0.0000

■ 54.9713, 0.3059,
0.3416

■ 54.9713, 0.3059,
0.3416

■ 52.2442, 0.2985,
0.3571

■ 58.0878, 0.3134,
0.3278

■ 49.8840, 0.2915,
0.3743

■ 61.6012, 0.3210,
0.3155

■ 47.8765, 0.2852,
0.3931

■ 65.5278, 0.3283,
0.3047

■ 46.2037, 0.2799,
0.4133

■ 68.5407, 0.3301,
0.2946

■ 44.8463, 0.2758,
0.4344

■ 69.1996, 0.3220,
0.2841

■ 43.7825, 0.2734,
0.4562

■ 69.7999, 0.3152,
0.2752

■ 42.9881, 0.2729,
0.4777

■ 42.4342, 0.2743,
0.4985

■ 42.0734, 0.2774,
0.5178

Harmonies

Analogous

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



54.9713, 0.3173, 0.3477



54.9713, 0.3059, 0.3416



54.9713, 0.2965, 0.3320

Triad

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



54.9713, 0.3059, 0.3416



54.9713, 0.2978, 0.3099



54.9713, 0.3346, 0.3357

Complementary

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



54.9713, 0.3059, 0.3416



49.5137, 0.3202, 0.3167

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.



54.9713, 0.3292, 0.3258



54.9713, 0.3059, 0.3416



54.9713, 0.3078, 0.3111

Square

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



54.9713, 0.3059, 0.3416



54.9713, 0.2919, 0.3137



54.9713, 0.3193, 0.3169



54.9713, 0.3340, 0.3440

Rectangle

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



54.9713, 0.3059, 0.3416



54.9713, 0.2925, 0.3250



54.9713, 0.3193, 0.3169



54.9713, 0.3334, 0.3324

Sweetspot

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



54.9736, 0.3059, 0.3416



98.3077, 0.3104, 0.3331



55.9247, 0.3197, 0.3514



20.9474, 0.3098, 0.3342



0.0000, 0.0000, 0.0000



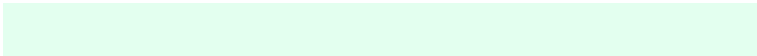
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9736, 0.3059, 0.3416



94.1012, 0.3043, 0.3447



55.3714, 0.2997, 0.3305



11.9651, 0.3057, 0.3421



26.7427, 0.2769, 0.5170



1.2808, 0.2655, 0.4759

Inverse Universe

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



49.5137, 0.3202, 0.3167



82.6119, 0.3221, 0.3138



49.1341, 0.3273, 0.3276



10.7337, 0.3205, 0.3163



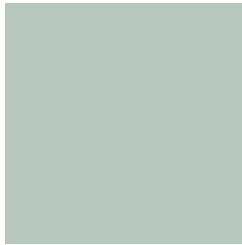
8.5542, 0.4712, 0.2369



0.4195, 0.4316, 0.2151

Previews

White Background



This preview shows how the Yxy color 54.9713, 0.3059, 0.3416 looks on a white background.

Color Contrast Check

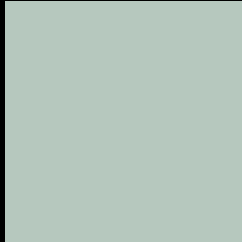
Large Text (above 18pt) WCAG AA × Fail

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 54.9713, 0.3059, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

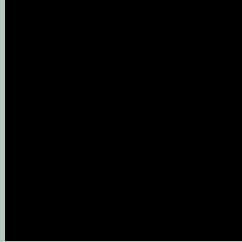
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

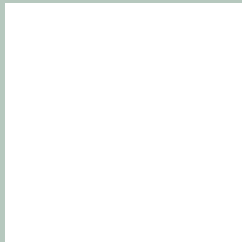
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9713, 0.3059, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 54.9713, 0.3059, 0.3416.

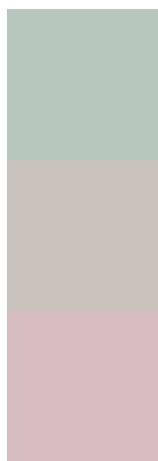


This preview shows how white text looks on a background with the Yxy color 54.9713, 0.3059, 0.3416.

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

54.9713, 0.3059, 0.3416

Protanopia

55.0356, 0.3236, 0.3387

Deuteranopia

54.6480, 0.3320, 0.3255



Tritanopia

55.1251, 0.2937, 0.3107

Trichromacy



Original Color

54.9713, 0.3059, 0.3416

Protanomaly

55.0327, 0.3170, 0.3401

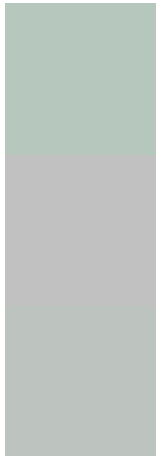
Deuteranomaly

54.5980, 0.3224, 0.3314

Tritanomaly

55.0621, 0.2984, 0.3216

Monochromacy



Original Color

54.9713, 0.3059, 0.3416

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1044, 0.3101, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9713, 0.3059, 0.3416 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(182, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 200, 190)  
}
```

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(182, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 200, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.9713, 0.3059, 0.3416 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(182, 200, 190) }
```

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

```
.border{ border-color:rgb(182, 200, 190) }
```

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

Here you see how a box with a 4 pixel rgb(182, 200, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 200,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9713, 0.3059, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 200, 190) }
```

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

```
.background{ background-color: rgb(182,  
200, 190) }
```

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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