

Converting Colors

Yxy(53.9712, 0.3067, 0.3460)

Have a look what the booklet for
Yxy(53.9712, 0.3067, 0.3460)
contains.

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Color

Yxy(53.9757, 0.3065, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	B3C7BA
RGB	179, 199, 186
RGB Percent	70%, 78%, 73%
CMY	0.2982, 0.2195, 0.2707
CMYK	0.10, 0.00, 0.07, 0.22
HSL	141°, 15%, 74%
HSV	141°, 10%, 78%
XYZ	47.8691, 53.9757, 54.3349
YIQ	191.5380, -7.7470, -8.2830

Conversions

Conversions Part 2

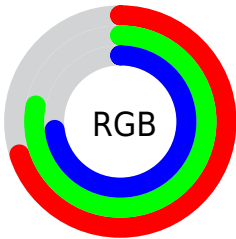
Format	Color
RYB	179, 194, 199
Decimal	11782074
CIELab	78.45, -9.29, 4.20
CIElCh	78, 10.199, 155.655
Yxy	53.9757, 0.3065, 0.3456
Android (android.graphics.Color)	4289972154 (0xFFB3C7BA)
YUV	191.5380, -2.7302, -10.9958
Hunter-Lab	73.4682, -12.2654, 7.5785

Details

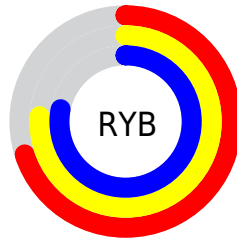
The Yxy color **53.9757, 0.3065, 0.3456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1785, 0.3195, 0.3130**, and the grayscale version is **52.4461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5930, 0.3078, 0.3419**, and **26.3799, 0.3045, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **51.2499, 0.3004, 0.3641**, and if you desaturate by 10%, it is **57.0982, 0.3127, 0.3291**.

Distribution



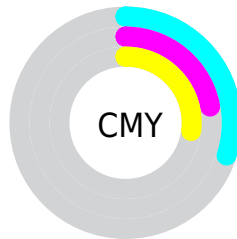
- Red (70%)
- Green (78%)
- Blue (73%)



- Red (70%)
- Yellow (76%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)





- Cyan (30%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9757, 0.3065, 0.3456 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 53.9757, 0.3065, 0.3456 by changing the saturation by 10% instead.


 53.9757, 0.3065,
0.3456

 53.9757, 0.3065,
0.3456

402.0173, 0.3096,
0.3374

 38.5822, 0.3057,
0.3476


 96.0386, 0.3076,
0.3426

 26.4349, 0.3048,
0.3502


123.4768, 0.3080,
0.3415

 17.1493, 0.3035,
0.3536


155.6986, 0.3084,
0.3406

 10.3410, 0.3017,
0.3583

193.0886, 0.3087,
0.3398

 5.6256, 0.2990,
0.3652

236.0311, 0.3090,
0.3391

 2.6188, 0.2947,
0.3764

284.9104, 0.3092,

 0.9361, 0.2851,

0.3384

0.4031

340.1111, 0.3094,
0.3379

0.0000, 0.0000,
0.0000

53.9757, 0.3065,
0.3456

53.9757, 0.3065,
0.3456

51.2499, 0.3004,
0.3641

57.0982, 0.3127,
0.3291

48.8980, 0.2947,
0.3847

60.6255, 0.3188,
0.3146

46.9053, 0.2895,
0.4071

64.5740, 0.3247,
0.3018

45.2534, 0.2851,
0.4311

68.2728, 0.3277,
0.2903

43.9223, 0.2820,
0.4561

69.0604, 0.3183,
0.2782

■ 42.8898, 0.2804,
0.4813

■ 69.3338, 0.3153,
0.2742

■ 42.1307, 0.2805,
0.5057

■ 41.6153, 0.2824,
0.5282

■ 41.2903, 0.2855,
0.5479

Harmonies

Analogous

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



53.9757, 0.3202, 0.3521



53.9757, 0.3065, 0.3456



53.9757, 0.2947, 0.3344

Triad

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



53.9757, 0.3065, 0.3456



53.9757, 0.2935, 0.3065



53.9757, 0.3384, 0.3352

Complementary

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



53.9757, 0.3065, 0.3456



48.1785, 0.3195, 0.3130

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.



53.9757, 0.3309, 0.3234



53.9757, 0.3065, 0.3456



53.9757, 0.3049, 0.3071

Square

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



53.9757, 0.3065, 0.3456



53.9757, 0.2873, 0.3118



53.9757, 0.3186, 0.3132



53.9757, 0.3388, 0.3457

Rectangle

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



53.9757, 0.3065, 0.3456



53.9757, 0.2893, 0.3260



53.9757, 0.3186, 0.3132



53.9757, 0.3366, 0.3312

Sweetspot

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



53.9780, 0.3065, 0.3456



98.2614, 0.3108, 0.3338



55.3573, 0.3221, 0.3539



20.9349, 0.3103, 0.3351



0.0000, 0.0000, 0.0000



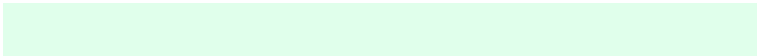
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9780, 0.3065, 0.3456



93.4348, 0.3052, 0.3493



54.4046, 0.2997, 0.3332



11.9481, 0.3069, 0.3444



26.5612, 0.2848, 0.5454



1.2714, 0.2727, 0.5016

Inverse Universe

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



48.1785, 0.3195, 0.3130



81.3369, 0.3211, 0.3095



47.7626, 0.3275, 0.3249



10.7512, 0.3190, 0.3141



8.8518, 0.4324, 0.2156



0.4325, 0.4035, 0.1996

Previews

White Background



This preview shows how the Yxy color 53.9757, 0.3065, 0.3456 looks on a white background.

Color Contrast Check

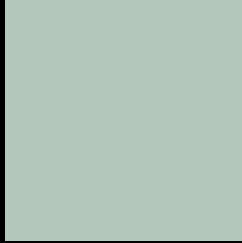
Large Text (above 18pt) WCAG AA × Fail

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 53.9757, 0.3065, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

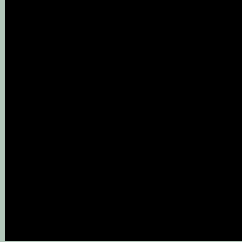
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

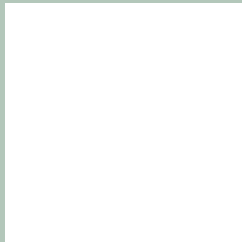
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9757, 0.3065, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 53.9757, 0.3065, 0.3456.



This preview shows how white text looks on a background with the Yxy color 53.9757, 0.3065, 0.3456.

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

53.9757, 0.3065, 0.3456

Protanopia

53.8382, 0.3261, 0.3413

Deuteranopia

53.4676, 0.3347, 0.3279



Tritanopia

53.8006, 0.2921, 0.3093

Trichromacy



Original Color

53.9757, 0.3065, 0.3456

Protanomaly

53.6974, 0.3185, 0.3427

Deuteranomaly

53.2670, 0.3240, 0.3339

Tritanomaly

53.6892, 0.2976, 0.3215

Monochromacy



Original Color

53.9757, 0.3065, 0.3456

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3127, 0.3100, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9757, 0.3065, 0.3456 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(179, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 186)  
}
```

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(179, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.9757, 0.3065, 0.3456 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(179, 199, 186) }
```

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

```
.border{ border-color:rgb(179, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9757, 0.3065, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 186) }
```

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

```
.background{ background-color: rgb(179,  
199, 186) }
```

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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