

Converting Colors

$Y_{xy}(53.4303, 0.2581, 0.3071)$

Have a look what the booklet for
Yxy(53.4303, 0.2581, 0.3071)
contains.

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Color

Yxy(53.3681, 0.2583, 0.3068)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8BCBDC |
| RGB | 139, 203, 220 |
| RGB Percent | 55%, 80%, 86% |
| CMY | 0.4546, 0.2040, 0.1372 |
| CMYK | 0.37, 0.08, 0.00, 0.14 |
| HSL | 193°, 54%, 70% |
| HSV | 193°, 37%, 86% |
| XYZ | 44.9315, 53.3681, 75.6512 |
| YIQ | 185.8020, -43.6010, -8.2810 |

Conversions

Conversions Part 2

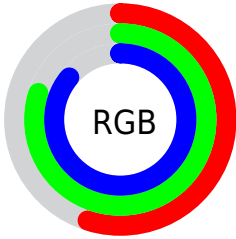
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 139, 175, 220 |
| Decimal | 9161692 |
| CIELab | 78.09, -16.07, -14.91 |
| CIELCh | 78, 21.922, 222.863 |
| Yxy | 53.3681, 0.2583, 0.3068 |
| Android (android.graphics.Color) | 4287351772 (0xFF8BCBDC) |
| YUV | 185.8020, 16.8596, -41.0454 |
| Hunter-Lab | 73.0535, -18.0573, -10.2609 |

Details

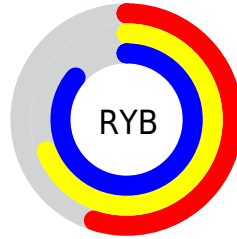
The Yxy color **53.3681, 0.2583, 0.3068** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8932, 0.3943, 0.3498**, and the grayscale version is **48.9180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **26.0963, 0.2442, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **49.5088, 0.2454, 0.2997**, and if you desaturate by 10%, it is **57.6780, 0.2723, 0.3135**.

Distribution



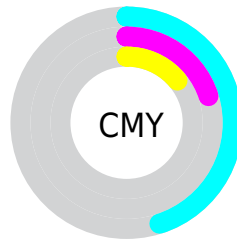
- Red (55%)
- Green (80%)
- Blue (86%)



- Red (55%)
- Yellow (69%)
- Blue (86%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)





- Cyan (45%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3681, 0.2583, 0.3068 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 53.3681, 0.2583, 0.3068 by changing the saturation by 10% instead.


 53.3681, 0.2583,
0.3068


 53.3681, 0.2583,
0.3068

399.6958, 0.2844,
0.3181


 38.0967, 0.2521,
0.3039


 95.1458, 0.2675,
0.3109

 26.0578, 0.2444,
0.3003


 122.4209, 0.2710,
0.3125

 16.8669, 0.2345,
0.2953


 154.4660, 0.2741,
0.3138

 10.1396, 0.2213,
0.2885

191.6656, 0.2767,
0.3149

 5.4916, 0.2030,
0.2783

234.4039, 0.2790,
0.3159

 2.5385, 0.1759,
0.2620

283.0655, 0.2810,

 0.8958, 0.1207,

0.3167

0.2355

338.0346, 0.2828,
0.3175

0.0000, 0.0000,
0.0000

53.3681, 0.2583,
0.3068

53.3681, 0.2583,
0.3068

49.5088, 0.2454,
0.2997

57.6780, 0.2723,
0.3135

46.0703, 0.2340,
0.2923

62.4537, 0.2870,
0.3197

43.0286, 0.2242,
0.2847

67.7176, 0.3023,
0.3254

40.3544, 0.2164,
0.2769

73.4884, 0.3177,
0.3306

38.0133, 0.2104,
0.2692

79.7838, 0.3330,
0.3353

■ 35.9614, 0.2064,
0.2615

■ 83.4420, 0.3366,
0.3398

■ 35.3395, 0.2053,
0.2591

■ 86.0631, 0.3360,
0.3443

■ 88.7531, 0.3353,
0.3488

■ 91.5126, 0.3347,
0.3533

Harmonies

Analogous

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



53.3681, 0.2695, 0.3335



53.3681, 0.2583, 0.3068



53.3681, 0.2608, 0.2879

Triad

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



53.3681, 0.2583, 0.3068



53.3681, 0.3320, 0.3003



53.3681, 0.3486, 0.3803

Complementary

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



53.3681, 0.2583, 0.3068



40.8932, 0.3943, 0.3498

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.



53.3681, 0.3670, 0.3682



53.3681, 0.2583, 0.3068



53.3681, 0.3574, 0.3223

Square

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



53.3681, 0.2583, 0.3068



53.3681, 0.3022, 0.2853



53.3681, 0.3704, 0.3468



53.3681, 0.3211, 0.3780

Rectangle

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



53.3681, 0.2583, 0.3068



53.3681, 0.2699, 0.2817



53.3681, 0.3704, 0.3468



53.3681, 0.3561, 0.3777

Sweetspot

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



53.3702, 0.2583, 0.3068



91.3563, 0.2957, 0.3230



59.0638, 0.2981, 0.4172



19.3388, 0.2936, 0.3222



0.0000, 0.0000, 0.0000



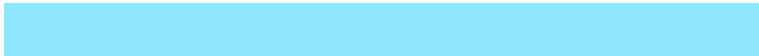
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3702, 0.2583, 0.3068



70.4189, 0.2484, 0.3015



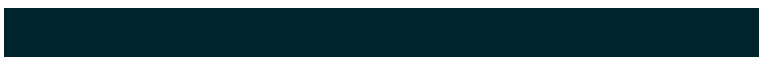
36.9839, 0.2505, 0.2522



14.3403, 0.2982, 0.3240



20.9041, 0.2056, 0.2602



1.4732, 0.2091, 0.2727

Inverse Universe

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



38.0154, 0.3330, 0.2555



46.6372, 0.3384, 0.2409



56.4425, 0.3772, 0.3952



13.2255, 0.3170, 0.3107



10.7340, 0.3822, 0.1879



0.7074, 0.3703, 0.1813

Previews

White Background



This preview shows how the Yxy color 53.3681, 0.2583, 0.3068 looks on a white background.

Color Contrast Check

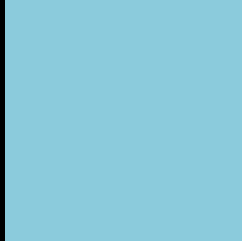
Large Text (above 18pt) WCAG AA × Fail

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 53.3681, 0.2583, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

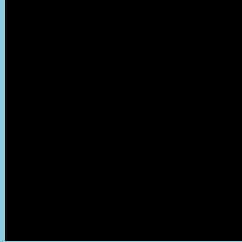
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3681, 0.2583, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 53.3681, 0.2583, 0.3068.



This preview shows how white text looks on a background with the Yxy color 53.3681, 0.2583, 0.3068.

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

53.3681, 0.2583, 0.3068

Protanopia

52.9622, 0.2966, 0.3035

Deuteranopia

53.0299, 0.2934, 0.2877



Tritanopia

53.3153, 0.2588, 0.3081

Trichromacy



Original Color

53.3681, 0.2583, 0.3068

Protanomaly

52.5944, 0.2807, 0.3039

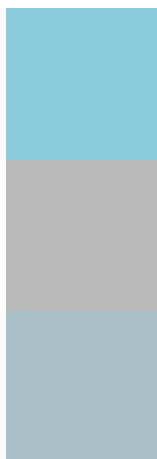
Deuteranomaly

52.5278, 0.2788, 0.2933

Tritanomaly

53.3153, 0.2588, 0.3081

Monochromacy



Original Color

53.3681, 0.2583, 0.3068

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2115, 0.2904, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3681, 0.2583, 0.3068 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(139, 203, 220)` looks like.

```
.text, #text, p{  
    color:rgb(139, 203, 220)  
}
```

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(139, 203, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 203, 220) }
```

Border

The CSS property to change the border of an element to Yxy 53.3681, 0.2583, 0.3068 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(139, 203, 220) }
```

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

```
.border{ border-color:rgb(139, 203, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 203, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 203, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 203, 220);  
box-shadow:4px 4px 4px 4px rgb(139, 203,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3681, 0.2583, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 203, 220) }
```

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

```
.background{ background-color: rgb(139,  
203, 220) }
```

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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