

Converting Colors

$Yxy(53.2610, 0.2681, 0.3241)$

Have a look what the booklet for
Yxy(53.2610, 0.2681, 0.3241)
contains.

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Color

Yxy(53.0565, 0.2680, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	8FCBCF
RGB	143, 203, 207
RGB Percent	56%, 80%, 81%
CMY	0.4394, 0.2039, 0.1882
CMYK	0.31, 0.02, 0.00, 0.19
HSL	184°, 40%, 69%
HSV	184°, 31%, 81%
XYZ	43.9405, 53.0565, 66.9601
YIQ	185.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

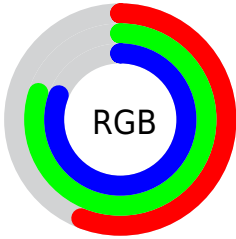
Format	Color
RYB	143, 174, 207
Decimal	9423823
CIELab	77.91, -18.16, -8.17
CIELCh	78, 19.914, 204.213
Yxy	53.0565, 0.2680, 0.3236
Android (android.graphics.Color)	4287613903 (0xFF8FCBCF)
YUV	185.5160, 10.5916, -37.2865
Hunter-Lab	72.8399, -19.7901, -3.5160

Details

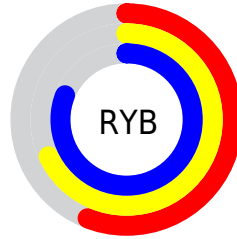
The Yxy color **53.0565, 0.2680, 0.3236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.1000, 0.3807, 0.3343**, and the grayscale version is **48.7696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **25.9685, 0.2565, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **50.7719, 0.2558, 0.3216**, and if you desaturate by 10%, it is **55.6913, 0.2815, 0.3255**.

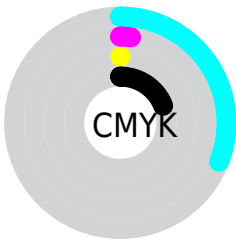
Distribution



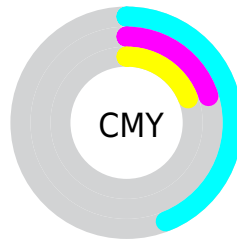
- Red (56%)
- Green (80%)
- Blue (81%)



- Red (56%)
- Yellow (68%)
- Blue (81%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)





- Cyan (44%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0565, 0.2680, 0.3236 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 53.0565, 0.2680, 0.3236 by changing the saturation by 10% instead.

 53.0565, 0.2680,
0.3236

 53.0565, 0.2680,
0.3236


398.5019, 0.2896,
0.3266

 37.8479, 0.2628,
0.3228


 94.6875, 0.2757,
0.3248

 25.8646, 0.2564,
0.3217


 121.8787, 0.2786,
0.3252

 16.7224, 0.2480,
0.3201


153.8328, 0.2811,
0.3255

 10.0368, 0.2366,
0.3178

190.9343, 0.2833,
0.3258

 5.4233, 0.2206,
0.3142

233.5676, 0.2851,
0.3260

 2.4977, 0.1964,
0.3077

282.1170, 0.2868,

 0.8755, 0.1339,

0.3263

0.3015

336.9669, 0.2883,
0.3264

0.0000, 0.0000,
0.0000

53.0565, 0.2680,
0.3236

53.0565, 0.2680,
0.3236

50.7719, 0.2558,
0.3216

55.6913, 0.2815,
0.3255

48.8122, 0.2452,
0.3196

58.6873, 0.2960,
0.3272

47.1591, 0.2363,
0.3175


62.0627, 0.3113,
0.3289


45.7895, 0.2293,
0.3153


65.8327, 0.3269,
0.3303

44.6772, 0.2242,
0.3132


70.0118, 0.3427,
0.3317


 43.7909, 0.2210,
0.3111

 72.2339, 0.3491,
0.3329

 43.1320, 0.2193,
0.3093

 72.8770, 0.3488,
0.3343

 73.5253, 0.3486,
0.3356

 74.1787, 0.3484,
0.3369

Harmonies

Analogous

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



53.0565, 0.2852, 0.3489



53.0565, 0.2680, 0.3236



53.0565, 0.2624, 0.3013

Triad

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



53.0565, 0.2680, 0.3236



53.0565, 0.3135, 0.2933



53.0565, 0.3572, 0.3703

Complementary

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



53.0565, 0.2680, 0.3236



36.1000, 0.3807, 0.3343

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.



53.0565, 0.3658, 0.3535



53.0565, 0.2680, 0.3236



53.0565, 0.3400, 0.3099

Square

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



53.0565, 0.2680, 0.3236



53.0565, 0.2878, 0.2851



53.0565, 0.3594, 0.3315



53.0565, 0.3366, 0.3765

Rectangle

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



53.0565, 0.2680, 0.3236



53.0565, 0.2657, 0.2911



53.0565, 0.3594, 0.3315



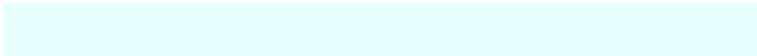
53.0565, 0.3616, 0.3656

Sweetspot

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



53.0586, 0.2680, 0.3236



94.9944, 0.2988, 0.3275



52.5449, 0.3064, 0.4146



20.1698, 0.2966, 0.3273



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.



53.0586, 0.2680, 0.3236



82.5837, 0.2599, 0.3223



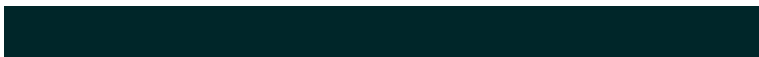
39.7617, 0.2630, 0.2804



13.2755, 0.2983, 0.3275



27.2252, 0.2193, 0.3096



1.5613, 0.2204, 0.3134

Inverse Universe

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



37.2102, 0.3200, 0.2570



53.4744, 0.3217, 0.2422



47.1621, 0.3690, 0.3731



11.9958, 0.3147, 0.3075



10.8197, 0.3371, 0.1631



0.6089, 0.3338, 0.1613

Previews

White Background



This preview shows how the Yxy color 53.0565, 0.2680, 0.3236 looks on a white background.

Color Contrast Check

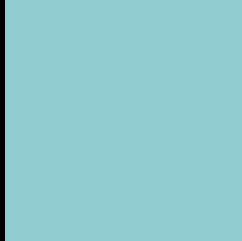
Large Text (above 18pt) WCAG AA × Fail

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 53.0565, 0.2680, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

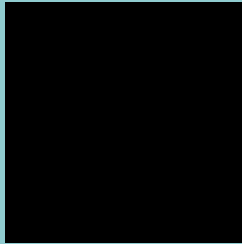
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

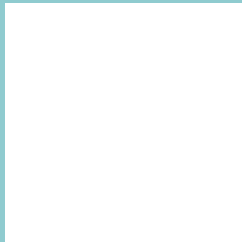
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0565, 0.2680, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 53.0565, 0.2680, 0.3236.

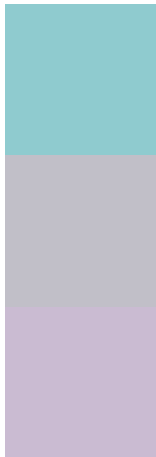


This preview shows how white text looks on a background with the Yxy color 53.0565, 0.2680, 0.3236.

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

53.0565, 0.2680, 0.3236

Protanopia

52.7692, 0.3076, 0.3180

Deuteranopia

52.7503, 0.3075, 0.3017



Tritanopia

52.8550, 0.2626, 0.3069

Trichromacy



Original Color

53.0565, 0.2680, 0.3236

Protanomaly

52.4560, 0.2916, 0.3188

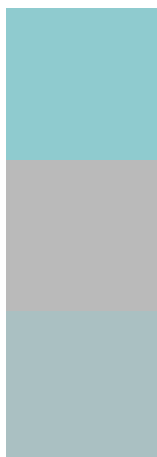
Deuteranomaly

52.5671, 0.2919, 0.3091

Tritanomaly

53.0254, 0.2644, 0.3132

Monochromacy



Original Color

53.0565, 0.2680, 0.3236

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1404, 0.2940, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0565, 0.2680, 0.3236 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(143, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(143, 203, 207)  
}
```

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(143, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 203, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.0565, 0.2680, 0.3236 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(143, 203, 207) }
```

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

```
.border{ border-color:rgb(143, 203, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 203, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 203, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 203, 207); box-shadow:4px 4px 4px 4px rgb(143, 203, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0565, 0.2680, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 203, 207) }
```

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

```
.background{ background-color: rgb(143,  
203, 207) }
```

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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