

Converting Colors

$Yxy(53.9315, 0.2645, 0.3162)$

Have a look what the booklet for
Yxy(53.9315, 0.2645, 0.3162)
contains.

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Color

Yxy(53.8804, 0.2641, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	8FCCD6
RGB	143, 204, 214
RGB Percent	56%, 80%, 84%
CMY	0.4396, 0.1999, 0.1608
CMYK	0.33, 0.05, 0.00, 0.16
HSL	188°, 46%, 70%
HSV	188°, 33%, 84%
XYZ	45.0453, 53.8804, 71.6359
YIQ	186.9010, -39.5660, -9.8220

Conversions

Conversions Part 2

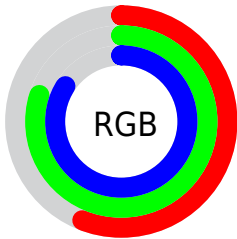
Format	Color
RYB	143, 176, 214
Decimal	9424086
CIELab	78.39, -17.03, -11.20
CIElCh	78, 20.387, 213.335
Yxy	53.8804, 0.2641, 0.3159
Android (android.graphics.Color)	4287614166 (0xFF8FCCD6)
YUV	186.9010, 13.3598, -38.5012
Hunter-Lab	73.4033, -18.9158, -6.4801

Details

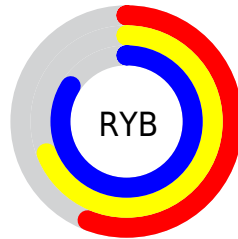
The Yxy color **53.8804, 0.2641, 0.3159** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0182, 0.3856, 0.3416**, and the grayscale version is **49.5662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **26.4397, 0.2519, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **50.7398, 0.2515, 0.3113**, and if you desaturate by 10%, it is **57.4169, 0.2779, 0.3202**.

Distribution



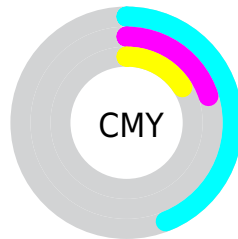
- Red (56%)
- Green (80%)
- Blue (84%)



- Red (56%)
- Yellow (69%)
- Blue (84%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8804, 0.2641, 0.3159 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 53.8804, 0.2641, 0.3159 by changing the saturation by 10% instead.

 53.8804, 0.2641,
0.3159


 53.8804, 0.2641,
0.3159


401.6538, 0.2874,
0.3227

 38.5061, 0.2586,
0.3141


 95.8986, 0.2724,
0.3184

 26.3757, 0.2516,
0.3118


 123.3113, 0.2755,
0.3194

 17.1049, 0.2427,
0.3088


155.5055, 0.2782,
0.3201

 10.3093, 0.2307,
0.3044

192.8657, 0.2806,
0.3208

 5.6045, 0.2139,
0.2977

235.7762, 0.2826,
0.3214

 2.6061, 0.1889,
0.2866

284.6214, 0.2844,

 0.9297, 0.1353,

0.3219

0.2693

339.7858, 0.2860,
0.3223

0.0000, 0.0000,
0.0000

53.8804, 0.2641,
0.3159

53.8804, 0.2641,
0.3159

50.7398, 0.2515,
0.3113

57.4169, 0.2779,
0.3202

47.9679, 0.2403,
0.3066

61.3622, 0.2925,
0.3242

45.5436, 0.2309,
0.3017

65.7364, 0.3078,
0.3279

43.4412, 0.2233,
0.2967

70.5564, 0.3232,
0.3312

41.6311, 0.2177,
0.2917

75.8379, 0.3388,
0.3342

■ 40.0771, 0.2139,
0.2868

■ 78.3712, 0.3421,
0.3372

■ 39.1276, 0.2121,
0.2835

■ 79.9797, 0.3416,
0.3402

■ 81.6168, 0.3411,
0.3432

■ 83.2825, 0.3406,
0.3461

Harmonies

Analogous

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



53.8804, 0.2783, 0.3416



53.8804, 0.2641, 0.3159



53.8804, 0.2623, 0.2954

Triad

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



53.8804, 0.2641, 0.3159



53.8804, 0.3219, 0.2970



53.8804, 0.3527, 0.3743

Complementary

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



53.8804, 0.2641, 0.3159



39.0182, 0.3856, 0.3416

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.



53.8804, 0.3657, 0.3599



53.8804, 0.2641, 0.3159



53.8804, 0.3476, 0.3159

Square

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



53.8804, 0.2641, 0.3159



53.8804, 0.2947, 0.2858



53.8804, 0.3639, 0.3385



53.8804, 0.3292, 0.3766

Rectangle

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



53.8804, 0.2641, 0.3159



53.8804, 0.2682, 0.2872



53.8804, 0.3639, 0.3385



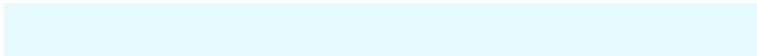
53.8804, 0.3585, 0.3706

Sweetspot

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



53.8825, 0.2641, 0.3159



93.2200, 0.2972, 0.3254



56.1992, 0.3023, 0.4138



19.7604, 0.2951, 0.3249



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.



53.8825, 0.2641, 0.3159



76.7234, 0.2549, 0.3127



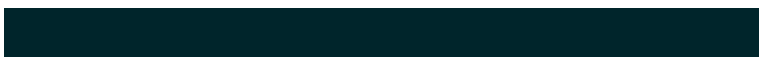
39.0527, 0.2580, 0.2678



13.7971, 0.2983, 0.3256



23.7683, 0.2123, 0.2842



1.5171, 0.2146, 0.2927

Inverse Universe

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



38.2740, 0.3258, 0.2574



50.3752, 0.3293, 0.2423



52.2106, 0.3718, 0.3833



12.6014, 0.3159, 0.3092



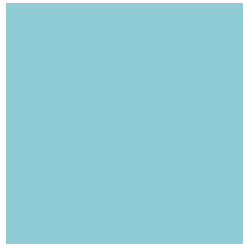
10.7443, 0.3596, 0.1755



0.6565, 0.3519, 0.1712

Previews

White Background



This preview shows how the Yxy color 53.8804, 0.2641, 0.3159 looks on a white background.

Color Contrast Check

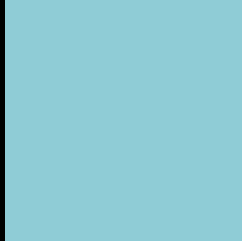
Large Text (above 18pt) WCAG AA × Fail

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 53.8804, 0.2641, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

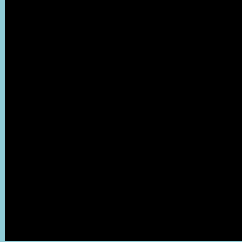
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

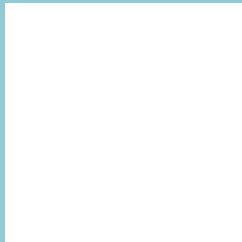
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8804, 0.2641, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 53.8804, 0.2641, 0.3159.



This preview shows how white text looks on a background with the Yxy color 53.8804, 0.2641, 0.3159.

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

53.8804, 0.2641, 0.3159

Protanopia

53.5417, 0.3025, 0.3108

Deuteranopia

53.3937, 0.3015, 0.2949



Tritanopia

53.7556, 0.2617, 0.3083

Trichromacy



Original Color

53.8804, 0.2641, 0.3159

Protanomaly

53.2470, 0.2869, 0.3115

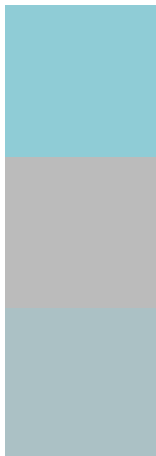
Deuteranomaly

53.2447, 0.2864, 0.3020

Tritanomaly

53.6509, 0.2629, 0.3108

Monochromacy



Original Color

53.8804, 0.2641, 0.3159

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.8291, 0.2927, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8804, 0.2641, 0.3159 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, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 214)  
}
```

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, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 214) }
```

Border

The CSS property to change the border of an element to Yxy 53.8804, 0.2641, 0.3159 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, 204, 214) }
```

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

```
.border{ border-color:rgb(143, 204, 214) }
```

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

Here you see how a box with a 4 pixel rgb(143, 204, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8804, 0.2641, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 214) }
```

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

```
.background{ background-color: rgb(143,  
204, 214) }
```

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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