

Converting Colors

$Yxy(53.1136, 0.2714, 0.3316)$

Have a look what the booklet for
Yxy(53.1136, 0.2714, 0.3316)
contains.

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Color

Yxy(53.2896, 0.2711, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	8FCCCA
RGB	143, 204, 202
RGB Percent	56%, 80%, 79%
CMY	0.4393, 0.2000, 0.2077
CMYK	0.30, 0.00, 0.01, 0.20
HSL	178°, 37%, 68%
HSV	178°, 30%, 80%
XYZ	43.5801, 53.2896, 63.8832
YIQ	185.5330, -35.7140, -13.5540

Conversions

Conversions Part 2

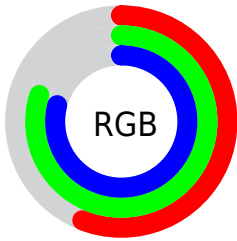
Format	Color
RYB	143, 174, 204
Decimal	9424074
CIELab	78.05, -19.81, -5.28
CIELCh	78, 20.507, 194.933
Yxy	53.2896, 0.2711, 0.3315
Android (android.graphics.Color)	4287614154 (0xFF8FCCA)
YUV	185.5330, 8.1182, -37.3014
Hunter-Lab	72.9997, -21.1868, -0.7858

Details

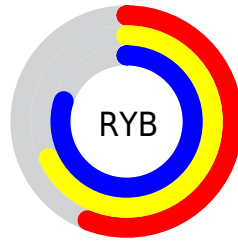
The Yxy color **53.2896, 0.2711, 0.3315** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.5182, 0.3769, 0.3266**, and the grayscale version is **48.7958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **26.1245, 0.2605, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **51.6027, 0.2596, 0.3325**, and if you desaturate by 10%, it is **55.3119, 0.2840, 0.3306**.

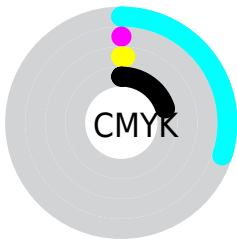
Distribution



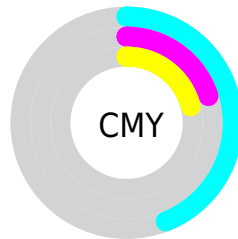
- Red (56%)
- Green (80%)
- Blue (79%)



- Red (56%)
- Yellow (68%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2896, 0.2711, 0.3315 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 53.2896, 0.2711, 0.3315 by changing the saturation by 10% instead.


 53.2896, 0.2711,
0.3315

 53.2896, 0.2711,
0.3315


399.3952, 0.2912,
0.3306

 38.0340, 0.2663,
0.3316


 95.0304, 0.2783,
0.3312

 26.0091, 0.2602,
0.3318


 122.2843, 0.2810,
0.3311

 16.8304, 0.2523,
0.3319


154.3066, 0.2833,
0.3310

 10.1137, 0.2416,
0.3319

191.4814, 0.2853,
0.3309

 5.4744, 0.2265,
0.3317

234.1933, 0.2871,
0.3308

 2.5282, 0.2033,
0.3305

282.8267, 0.2886,

 0.8907, 0.1373,

0.3307

0.3369

337.7658, 0.2900,
0.3306

0.0000, 0.0000,
0.0000

53.2896, 0.2711,
0.3315

53.2896, 0.2711,
0.3315

51.6027, 0.2596,
0.3325

55.3119, 0.2840,
0.3306

50.2269, 0.2496,
0.3335

57.6799, 0.2980,
0.3298

49.1447, 0.2415,
0.3345

60.4112, 0.3128,
0.3290

48.3341, 0.2353,
0.3356

63.5204, 0.3282,
0.3283

47.7703, 0.2310,
0.3366

67.0211, 0.3437,
0.3277

■ 47.4237, 0.2285,
0.3377

■ 68.9048, 0.3511,
0.3271

■ 47.2396, 0.2274,
0.3387

■ 68.9370, 0.3506,
0.3264

■ 47.2382, 0.2274,
0.3387

■ 68.9693, 0.3501,
0.3257

■ 69.0018, 0.3496,
0.3250

Harmonies

Analogous

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



53.2896, 0.2918, 0.3568



53.2896, 0.2711, 0.3315



53.2896, 0.2614, 0.3068

Triad

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



53.2896, 0.2711, 0.3315



53.2896, 0.3048, 0.2887



53.2896, 0.3627, 0.3670

Complementary

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



53.2896, 0.2711, 0.3315



34.5182, 0.3769, 0.3266

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.



53.2896, 0.3669, 0.3474



53.2896, 0.2711, 0.3315



53.2896, 0.3327, 0.3034

Square

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



53.2896, 0.2711, 0.3315



53.2896, 0.2802, 0.2835



53.2896, 0.3558, 0.3244



53.2896, 0.3448, 0.3773

Rectangle

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



53.2896, 0.2711, 0.3315



53.2896, 0.2621, 0.2943



53.2896, 0.3558, 0.3244



53.2896, 0.3658, 0.3612

Sweetspot

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



53.2917, 0.2711, 0.3315



95.8564, 0.2992, 0.3297



51.1917, 0.3101, 0.4153



20.3840, 0.2971, 0.3298



0.0000, 0.0000, 0.0000



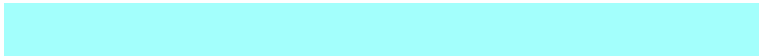
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2917, 0.2711, 0.3315



86.3576, 0.2634, 0.3321



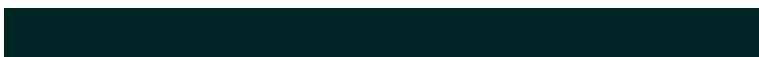
41.0618, 0.2656, 0.2896



12.7205, 0.2988, 0.3297



29.7330, 0.2274, 0.3386



1.5359, 0.2268, 0.3365

Inverse Universe

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



34.5182, 0.3769, 0.3266



50.2850, 0.3974, 0.3261



44.1190, 0.3685, 0.3653



11.2195, 0.3285, 0.3283



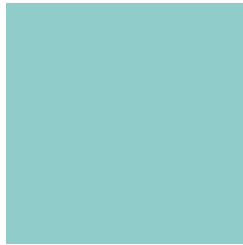
8.0918, 0.6362, 0.3278



0.4196, 0.6231, 0.3206

Previews

White Background



This preview shows how the Yxy color 53.2896, 0.2711, 0.3315 looks on a white background.

Color Contrast Check

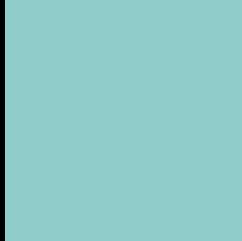
Large Text (above 18pt) WCAG AA × Fail

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 53.2896, 0.2711, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

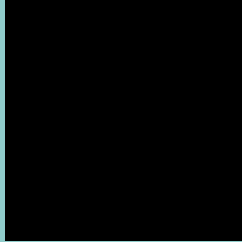
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

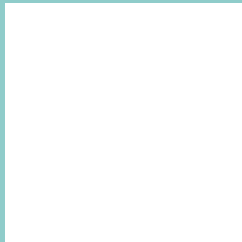
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2896, 0.2711, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 53.2896, 0.2711, 0.3315.



This preview shows how white text looks on a background with the Yxy color 53.2896, 0.2711, 0.3315.

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

53.2896, 0.2711, 0.3315

Protanopia

52.8038, 0.3129, 0.3241

Deuteranopia

52.9760, 0.3130, 0.3065



Tritanopia

53.5061, 0.2639, 0.3083

Trichromacy



Original Color

53.2896, 0.2711, 0.3315

Protanomaly

52.7872, 0.2958, 0.3264

Deuteranomaly

52.4928, 0.2954, 0.3140

Tritanomaly

53.5763, 0.2669, 0.3172

Monochromacy



Original Color

53.2896, 0.2711, 0.3315

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.4917, 0.2954, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2896, 0.2711, 0.3315 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 202) }
```

Border

The CSS property to change the border of an element to Yxy 53.2896, 0.2711, 0.3315 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, 202) }
```

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

```
.border{ border-color:rgb(143, 204, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2896, 0.2711, 0.3315 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, 202) }
```

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

```
.background{ background-color: rgb(143,  
204, 202) }
```

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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