

Converting Colors

$Yxy(53.5793, 0.2607, 0.3176)$

Have a look what the booklet for
Yxy(53.5793, 0.2607, 0.3176)
contains.

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Color

Yxy(53.7010, 0.2608, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	88CDD5
RGB	136, 205, 213
RGB Percent	53%, 80%, 84%
CMY	0.4666, 0.1961, 0.1646
CMYK	0.36, 0.04, 0.00, 0.16
HSL	186°, 48%, 68%
HSV	186°, 36%, 84%
XYZ	44.0001, 53.7010, 71.0108
YIQ	185.2810, -43.6920, -12.1400

Conversions

Conversions Part 2

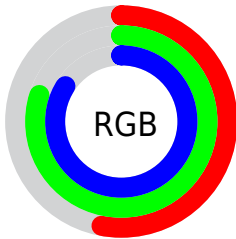
Format	Color
RYB	136, 172, 213
Decimal	8965589
CIELab	78.29, -19.62, -10.88
CIElCh	78, 22.433, 209.003
Yxy	53.7010, 0.2608, 0.3183
Android (android.graphics.Color)	4287155669 (0xFF88CDD5)
YUV	185.2810, 13.6655, -43.2194
Hunter-Lab	73.2810, -21.0650, -6.1566

Details

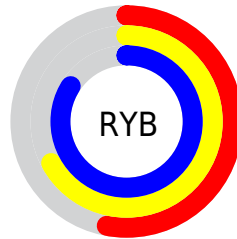
The Yxy color **53.7010, 0.2608, 0.3183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8906, 0.3958, 0.3393**, and the grayscale version is **48.6258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **26.3512, 0.2476, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **51.0381, 0.2490, 0.3149**, and if you desaturate by 10%, it is **56.7377, 0.2740, 0.3215**.

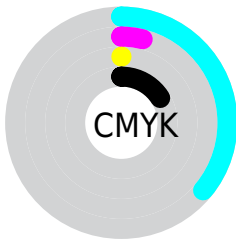
Distribution



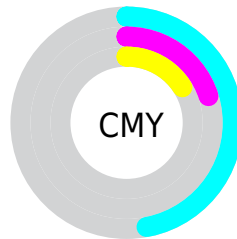
- Red (53%)
- Green (80%)
- Blue (84%)



- Red (53%)
- Yellow (67%)
- Blue (84%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)





- Cyan (47%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7010, 0.2608, 0.3183 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 53.7010, 0.2608, 0.3183 by changing the saturation by 10% instead.


 53.7010, 0.2608,
0.3183


 53.7010, 0.2608,
0.3183


400.9688, 0.2857,
0.3240


 38.3627, 0.2549,
0.3168


 95.6351, 0.2696,
0.3204

 26.2643, 0.2475,
0.3148


 122.9996, 0.2730,
0.3212

 17.0215, 0.2380,
0.3121


 155.1417, 0.2759,
0.3219

 10.2498, 0.2252,
0.3082

192.4457, 0.2784,
0.3224

 5.5649, 0.2074,
0.3021

235.2960, 0.2806,
0.3229

 2.5824, 0.1809,
0.2918

284.0770, 0.2825,

 0.9178, 0.1188,

0.3233

0.2774

339.1732, 0.2842,
0.3237

0.0000, 0.0000,
0.0000

53.7010, 0.2608,
0.3183

53.7010, 0.2608,
0.3183

51.0381, 0.2490,
0.3149

56.7377, 0.2740,
0.3215

48.7214, 0.2387,
0.3114

60.1613, 0.2882,
0.3246

46.7297, 0.2303,
0.3078

63.9918, 0.3033,
0.3274

45.0365, 0.2238,
0.3041

68.2463, 0.3187,
0.3300

43.6111, 0.2191,
0.3005

72.9404, 0.3344,
0.3323

■ 42.4150, 0.2163,
0.2970

■ 76.3736, 0.3434,
0.3345

■ 41.9879, 0.2154,
0.2956

■ 77.5352, 0.3430,
0.3367

■ 78.7122, 0.3426,
0.3389

■ 79.9048, 0.3423,
0.3411

Harmonies

Analogous

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



53.7010, 0.2781, 0.3469



53.7010, 0.2608, 0.3183



53.7010, 0.2568, 0.2946

Triad

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



53.7010, 0.2608, 0.3183



53.7010, 0.3184, 0.2916



53.7010, 0.3596, 0.3773

Complementary

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



53.7010, 0.2608, 0.3183



35.8906, 0.3958, 0.3393

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.



53.7010, 0.3719, 0.3597



53.7010, 0.2608, 0.3183



53.7010, 0.3475, 0.3112

Square

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



53.7010, 0.2608, 0.3183



53.7010, 0.2889, 0.2808



53.7010, 0.3675, 0.3356



53.7010, 0.3349, 0.3822

Rectangle

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



53.7010, 0.2608, 0.3183



53.7010, 0.2620, 0.2845



53.7010, 0.3675, 0.3356



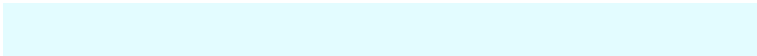
53.7010, 0.3654, 0.3725

Sweetspot

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



53.7031, 0.2608, 0.3183



93.2115, 0.2957, 0.3260



54.8416, 0.3030, 0.4264



19.7836, 0.2937, 0.3256



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.



53.7031, 0.2608, 0.3183



77.7152, 0.2520, 0.3158



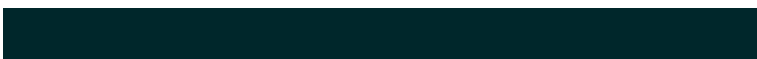
37.6156, 0.2534, 0.2651



13.8764, 0.2983, 0.3265



25.7309, 0.2156, 0.2961



1.6170, 0.2173, 0.3023

Inverse Universe

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



36.1735, 0.3245, 0.2483



48.1236, 0.3273, 0.2327



49.4758, 0.3789, 0.3852



12.6094, 0.3154, 0.3084



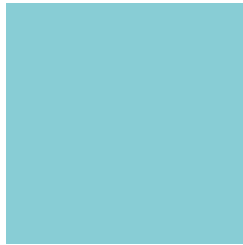
10.9424, 0.3489, 0.1695



0.6666, 0.3434, 0.1666

Previews

White Background



This preview shows how the Yxy color 53.7010, 0.2608, 0.3183 looks on a white background.

Color Contrast Check

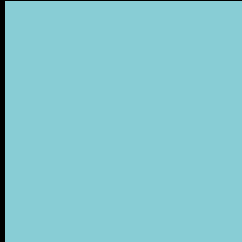
Large Text (above 18pt) WCAG AA × Fail

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 53.7010, 0.2608, 0.3183 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 53.7010, 0.2608, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 53.7010, 0.2608, 0.3183.



This preview shows how white text looks on a background with the Yxy color 53.7010, 0.2608, 0.3183.

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

53.7010, 0.2608, 0.3183

Protanopia

53.4445, 0.3039, 0.3132

Deuteranopia

53.2556, 0.3007, 0.2948



Tritanopia

53.7563, 0.2579, 0.3081

Trichromacy



Original Color

53.7010, 0.2608, 0.3183

Protanomaly

53.2572, 0.2861, 0.3151

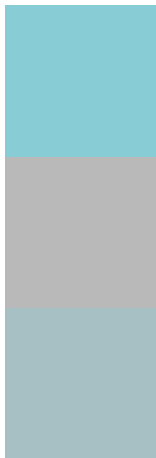
Deuteranomaly

52.8886, 0.2843, 0.3018

Tritanomaly

53.5139, 0.2590, 0.3119

Monochromacy



Original Color

53.7010, 0.2608, 0.3183

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.8549, 0.2910, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7010, 0.2608, 0.3183 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(136, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(136, 205, 213)  
}
```

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(136, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 205, 213) }
```

Border

The CSS property to change the border of an element to Yxy 53.7010, 0.2608, 0.3183 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(136, 205, 213) }
```

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

```
.border{ border-color:rgb(136, 205, 213) }
```

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

Here you see how a box with a 4 pixel rgb(136, 205, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(136, 205,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7010, 0.2608, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 205, 213) }
```

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

```
.background{ background-color: rgb(136,  
205, 213) }
```

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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