

Converting Colors

$Yxy(53.3908, 0.2570, 0.3213)$

Have a look what the booklet for
Yxy(53.3908, 0.2570, 0.3213)
contains.

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Color

Yxy(53.4081, 0.2566, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	7FCED4
RGB	127, 206, 212
RGB Percent	50%, 81%, 83%
CMY	0.5016, 0.1922, 0.1686
CMYK	0.40, 0.03, 0.00, 0.17
HSL	184°, 50%, 66%
HSV	184°, 40%, 83%
XYZ	42.7198, 53.4081, 70.3562
YIQ	183.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

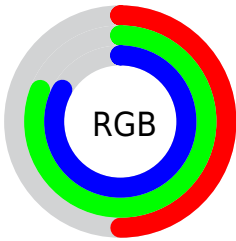
Format	Color
RYB	127, 168, 212
Decimal	8376020
CIELab	78.12, -22.67, -10.64
CIElCh	78, 25.040, 205.141
Yxy	53.4081, 0.2566, 0.3208
Android (android.graphics.Color)	4286566100 (0xFF7FCED4)
YUV	183.0630, 14.2659, -49.1673
Hunter-Lab	73.0808, -23.5483, -5.9229

Details

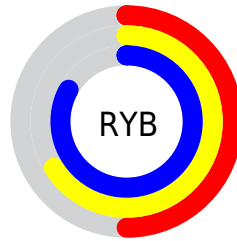
The Yxy color **53.4081, 0.2566, 0.3208** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.3463, 0.4103, 0.3368**, and the grayscale version is **47.3440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8073, 0.2716, 0.3289**, and **25.9071, 0.2423, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **51.2267, 0.2457, 0.3185**, and if you desaturate by 10%, it is **55.9432, 0.2690, 0.3231**.

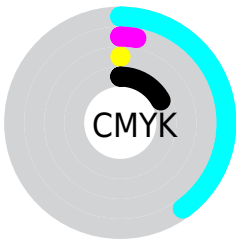
Distribution



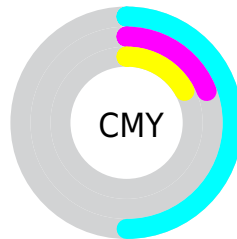
- Red (50%)
- Green (81%)
- Blue (83%)



- Red (50%)
- Yellow (66%)
- Blue (83%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)





- Cyan (50%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4081, 0.2566, 0.3208 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 53.4081, 0.2566, 0.3208 by changing the saturation by 10% instead.


 53.4081, 0.2566,
0.3208

 53.4081, 0.2566,
0.3208


399.8489, 0.2835,
0.3254

 38.1287, 0.2502,
0.3195


 95.2046, 0.2661,
0.3226

 26.0826, 0.2422,
0.3178

 122.4905, 0.2698,
0.3232

 16.8854, 0.2320,
0.3155


 154.5473, 0.2729,
0.3237

 10.1528, 0.2182,
0.3120

191.7594, 0.2756,
0.3242

 5.5004, 0.1991,
0.3066

234.5112, 0.2779,
0.3245

 2.5438, 0.1708,
0.2969

283.1871, 0.2800,

 0.8985, 0.0958,

0.3249

0.2864

338.1715, 0.2819,
0.3251

0.0000, 0.0000,
0.0000

53.4081, 0.2566,
0.3208

53.4081, 0.2566,
0.3208

51.2267, 0.2457,
0.3185

55.9432, 0.2690,
0.3231

49.3711, 0.2366,
0.3161

58.8456, 0.2827,
0.3252

47.8193, 0.2293,
0.3136


62.1356, 0.2973,
0.3272


46.5436, 0.2240,
0.3112

65.8303, 0.3126,
0.3290


45.5115, 0.2205,
0.3088

69.9457, 0.3283,
0.3307

 44.6675, 0.2185,
0.3065

 74.4969, 0.3441,
0.3321

 75.3980, 0.3444,
0.3337

 76.1758, 0.3441,
0.3352

 76.9607, 0.3439,
0.3367

Harmonies

Analogous

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



53.4081, 0.2774, 0.3531



53.4081, 0.2566, 0.3208



53.4081, 0.2502, 0.2932

Triad

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



53.4081, 0.2566, 0.3208



53.4081, 0.3145, 0.2853



53.4081, 0.3678, 0.3809

Complementary

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



53.4081, 0.2566, 0.3208



32.3463, 0.4103, 0.3368

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.



53.4081, 0.3794, 0.3597



53.4081, 0.2566, 0.3208



53.4081, 0.3478, 0.3059

Square

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



53.4081, 0.2566, 0.3208



53.4081, 0.2823, 0.2748



53.4081, 0.3721, 0.3325



53.4081, 0.3414, 0.3890

Rectangle

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



53.4081, 0.2566, 0.3208



53.4081, 0.2546, 0.2810



53.4081, 0.3721, 0.3325



53.4081, 0.3736, 0.3750

Sweetspot

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



53.4102, 0.2566, 0.3208



93.2721, 0.2942, 0.3268



53.3030, 0.3037, 0.4431



19.8191, 0.2923, 0.3265



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.



53.4102, 0.2566, 0.3208



78.2711, 0.2473, 0.3188



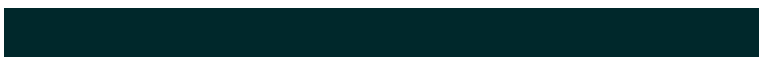
35.7887, 0.2473, 0.2610



13.9498, 0.2983, 0.3273



27.6322, 0.2186, 0.3068



1.7129, 0.2197, 0.3109

Inverse Universe

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



33.6601, 0.3232, 0.2370



44.5983, 0.3257, 0.2193



46.2808, 0.3888, 0.3881



12.6168, 0.3149, 0.3076



11.1343, 0.3395, 0.1644



0.6762, 0.3359, 0.1624

Previews

White Background



This preview shows how the Yxy color 53.4081, 0.2566, 0.3208 looks on a white background.

Color Contrast Check

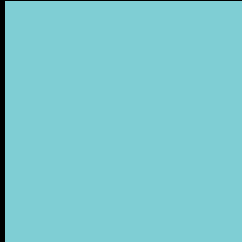
Large Text (above 18pt) WCAG AA × Fail

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 53.4081, 0.2566, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

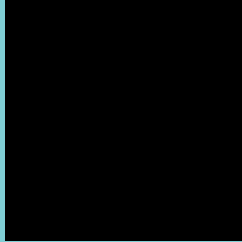
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

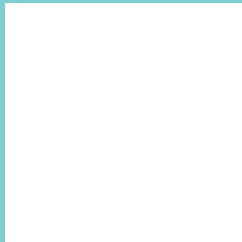
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4081, 0.2566, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 53.4081, 0.2566, 0.3208.



This preview shows how white text looks on a background with the Yxy color 53.4081, 0.2566, 0.3208.

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

53.4081, 0.2566, 0.3208

Protanopia

52.9109, 0.3054, 0.3144

Deuteranopia

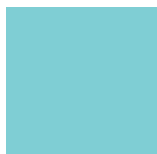
52.7779, 0.3015, 0.2947



Tritanopia

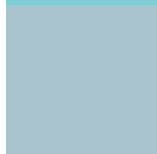
53.6289, 0.2532, 0.3079

Trichromacy



Original Color

53.4081, 0.2566, 0.3208



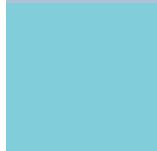
Protanomaly

52.3711, 0.2852, 0.3162



Deuteranomaly

52.3741, 0.2820, 0.3028



Tritanomaly

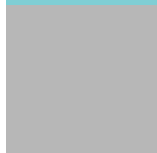
53.3917, 0.2542, 0.3117

Monochromacy



Original Color

53.4081, 0.2566, 0.3208



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

48.9432, 0.2886, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4081, 0.2566, 0.3208 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(127, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(127, 206, 212)  
}
```

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(127, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 206, 212) }
```

Border

The CSS property to change the border of an element to Yxy 53.4081, 0.2566, 0.3208 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(127, 206, 212) }
```

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

```
.border{ border-color:rgb(127, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(127, 206,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4081, 0.2566, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 206, 212) }
```

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

```
.background{ background-color: rgb(127,  
206, 212) }
```

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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