

Converting Colors

$Yxy(52.8936, 0.2741, 0.3566)$

Have a look what the booklet for
Yxy(52.8936, 0.2741, 0.3566)
contains.

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Color

Yxy(53.0764, 0.2743, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	84CFBA
RGB	132, 207, 186
RGB Percent	52%, 81%, 73%
CMY	0.4825, 0.1882, 0.2704
CMYK	0.36, 0.00, 0.10, 0.19
HSL	163°, 44%, 66%
HSV	163°, 36%, 81%
XYZ	40.6899, 53.0764, 54.5746
YIQ	182.1810, -37.9590, -22.4310

Conversions

Conversions Part 2

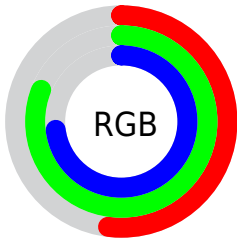
Format	Color
RYB	132, 176, 207
Decimal	8703930
CIELab	77.92, -27.99, 3.06
CIElCh	78, 28.159, 173.758
Yxy	53.0764, 0.2743, 0.3578
Android (android.graphics.Color)	4286894010 (0xFF84CFBA)
YUV	182.1810, 1.8828, -44.0087
Hunter-Lab	72.8536, -27.7985, 6.5833

Details

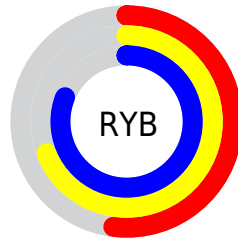
The Yxy color **53.0764, 0.2743, 0.3578** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.0565, 0.3748, 0.3025**, and the grayscale version is **46.8857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6222, 0.2806, 0.3429**, and **25.7696, 0.2637, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **51.3314, 0.2659, 0.3673**, and if you desaturate by 10%, it is **55.1667, 0.2839, 0.3489**.

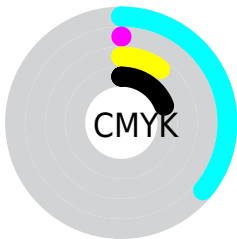
Distribution



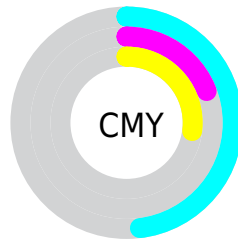
- Red (52%)
- Green (81%)
- Blue (73%)



- Red (52%)
- Yellow (69%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)





- Cyan (48%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0764, 0.2743, 0.3578 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 53.0764, 0.2743, 0.3578 by changing the saturation by 10% instead.

 53.0764, 0.2743,
0.3578


 53.0764, 0.2743,
0.3578


398.5782, 0.2931,
0.3435

 37.8638, 0.2697,
0.3613


 94.7168, 0.2811,
0.3526

 25.8770, 0.2639,
0.3658


 121.9133, 0.2836,
0.3507

 16.7316, 0.2562,
0.3718


 153.8733, 0.2858,
0.3491

 10.0433, 0.2458,
0.3800

190.9810, 0.2877,
0.3476

 5.4277, 0.2306,
0.3921

233.6210, 0.2893,
0.3464

 2.5003, 0.2068,
0.4117

282.1776, 0.2907,

 0.8768, 0.0849,

0.3453

0.4961

337.0352, 0.2920,
0.3444

0.0000, 0.0000,
0.0000

53.0764, 0.2743,
0.3578

53.0764, 0.2743,
0.3578

51.3314, 0.2659,
0.3673

55.1667, 0.2839,
0.3489

49.9055, 0.2591,
0.3772

57.6141, 0.2944,
0.3408

48.7789, 0.2540,
0.3876


60.4376, 0.3055,
0.3333

47.9270, 0.2508,
0.3981

63.6530, 0.3171,
0.3266


47.3209, 0.2496,
0.4087

67.2751, 0.3287,
0.3205

 46.9245, 0.2503,
0.4192

 71.0961, 0.3394,
0.3152

 46.8044, 0.2509,
0.4231

 71.4093, 0.3352,
0.3094

 71.7333, 0.3309,
0.3037

 72.0680, 0.3267,
0.2981

Harmonies

Analogous

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



53.0764, 0.3091, 0.3867



53.0764, 0.2743, 0.3578



53.0764, 0.2505, 0.3211

Triad

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



53.0764, 0.2743, 0.3578



53.0764, 0.2770, 0.2682



53.0764, 0.3880, 0.3617

Complementary

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



53.0764, 0.2743, 0.3578



32.0565, 0.3748, 0.3025

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.



53.0764, 0.3788, 0.3312



53.0764, 0.2743, 0.3578



53.0764, 0.3127, 0.2793

Square

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



53.0764, 0.2743, 0.3578



53.0764, 0.2521, 0.2713



53.0764, 0.3506, 0.3018



53.0764, 0.3756, 0.3863

Rectangle

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



53.0764, 0.2743, 0.3578



53.0764, 0.2434, 0.2989



53.0764, 0.3506, 0.3018



53.0764, 0.3874, 0.3518

Sweetspot

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



53.0785, 0.2743, 0.3578



94.5682, 0.3000, 0.3368



53.0884, 0.3231, 0.4326



20.1096, 0.2985, 0.3379



0.0000, 0.0000, 0.0000



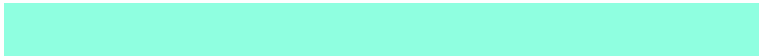
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0785, 0.2743, 0.3578



82.7045, 0.2673, 0.3656



46.5595, 0.2591, 0.3066



13.3484, 0.3020, 0.3356



29.5033, 0.2505, 0.4216



1.6628, 0.2451, 0.4025

Inverse Universe

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



32.0565, 0.3748, 0.3025



43.9069, 0.3963, 0.2965



36.1810, 0.3920, 0.3500



11.8618, 0.3247, 0.3225



8.5633, 0.5817, 0.2978



0.4924, 0.5283, 0.2684

Previews

White Background



This preview shows how the Yxy color 53.0764, 0.2743, 0.3578 looks on a white background.

Color Contrast Check

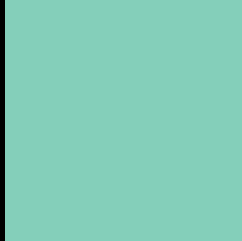
Large Text (above 18pt) WCAG AA × Fail

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 53.0764, 0.2743, 0.3578 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

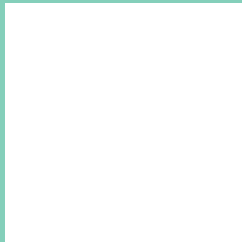
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0764, 0.2743, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 53.0764, 0.2743, 0.3578.



This preview shows how white text looks on a background with the Yxy color 53.0764, 0.2743, 0.3578.

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

53.0764, 0.2743, 0.3578

Protanopia

52.5780, 0.3302, 0.3464

Deuteranopia

52.7283, 0.3298, 0.3231



Tritanopia

52.9310, 0.2592, 0.3068

Trichromacy



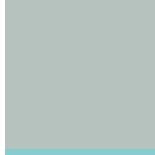
Original Color

53.0764, 0.2743, 0.3578



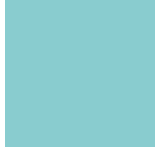
Protanomaly

52.3418, 0.3078, 0.3511



Deuteranomaly

52.2028, 0.3068, 0.3353



Tritanomaly

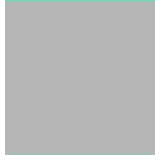
53.0091, 0.2646, 0.3249

Monochromacy



Original Color

53.0764, 0.2743, 0.3578



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.5730, 0.2971, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0764, 0.2743, 0.3578 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(132, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(132, 207, 186)  
}
```

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(132, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 207, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.0764, 0.2743, 0.3578 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(132, 207, 186) }
```

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

```
.border{ border-color:rgb(132, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(132, 207,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0764, 0.2743, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 207, 186) }
```

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

```
.background{ background-color: rgb(132,  
207, 186) }
```

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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