

Converting Colors

$Yxy(52.7861, 0.2700, 0.3547)$

Have a look what the booklet for
Yxy(52.7861, 0.2700, 0.3547)
contains.

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Color

$\text{Yxy}(52.7685, 0.2702, 0.3552)$

Conversions

Conversions Part 1

Format	Color
Hex	7FCFBC
RGB	127, 207, 188
RGB Percent	50%, 81%, 74%
CMY	0.5020, 0.1882, 0.2627
CMYK	0.39, 0.00, 0.09, 0.19
HSL	166°, 45%, 65%
HSV	166°, 39%, 81%
XYZ	40.1409, 52.7685, 55.6506
YIQ	180.9140, -41.5810, -22.8690

Conversions

Conversions Part 2

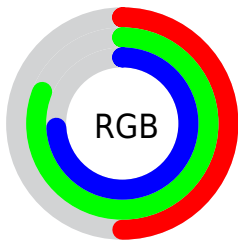
Format	Color
RYB	127, 172, 207
Decimal	8376252
CIELab	77.74, -28.91, 1.71
CIELCh	78, 28.960, 176.613
Yxy	52.7685, 0.2702, 0.3552
Android (android.graphics.Color)	4286566332 (0xFF7FCFBC)
YUV	180.9140, 3.4934, -47.2826
Hunter-Lab	72.6419, -28.4868, 5.4276

Details

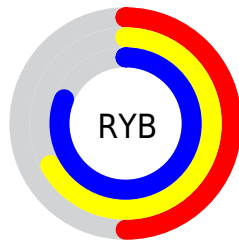
The Yxy color **52.7685, 0.2702, 0.3552** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.5158, 0.3848, 0.3049**, and the grayscale version is **46.1565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1189, 0.2770, 0.3408**, and **25.5835, 0.2583, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **51.1330, 0.2618, 0.3633**, and if you desaturate by 10%, it is **54.7420, 0.2800, 0.3476**.

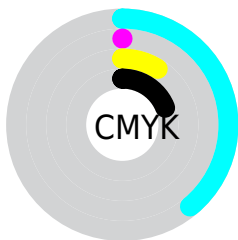
Distribution



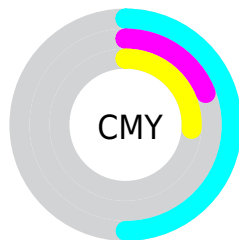
- Red (50%)
- Green (81%)
- Blue (74%)



- Red (50%)
- Yellow (67%)
- Blue (81%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)




- Cyan (50%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7685, 0.2702, 0.3552 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 52.7685, 0.2702, 0.3552 by changing the saturation by 10% instead.

 52.7685, 0.2702,
0.3552

 52.7685, 0.2702,
0.3552


397.3963, 0.2910,
0.3423


 37.6180, 0.2651,
0.3584


 94.2636, 0.2777,
0.3506

 25.6863, 0.2587,
0.3624

 121.3770, 0.2805,
0.3488

 16.5891, 0.2504,
0.3677

 153.2469, 0.2829,
0.3473

 9.9420, 0.2389,
0.3750

190.2576, 0.2850,
0.3460

 5.3605, 0.2224,
0.3856

232.7934, 0.2868,
0.3449

 2.4603, 0.1968,
0.4025

281.2389, 0.2883,

 0.8567, 0.0610,

0.3439

0.4817

335.9784, 0.2898,
0.3431

0.0000, 0.0000,
0.0000

52.7685, 0.2702,
0.3552

52.7685, 0.2702,
0.3552

51.1330, 0.2618,
0.3633

54.7420, 0.2800,
0.3476

49.8089, 0.2550,
0.3717

57.0655, 0.2908,
0.3406

48.7758, 0.2500,
0.3804


59.7584, 0.3023,
0.3341


48.0083, 0.2470,
0.3892

62.8366, 0.3144,
0.3282


47.4765, 0.2459,
0.3980


66.3152, 0.3266,
0.3230

 47.1332, 0.2465,
0.4068

 70.2083, 0.3389,
0.3183

 47.0924, 0.2467,
0.4079

 71.1845, 0.3382,
0.3135

 71.4525, 0.3346,
0.3086

 71.7283, 0.3310,
0.3038

Harmonies

Analogous

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



52.7685, 0.3053, 0.3865



52.7685, 0.2702, 0.3552



52.7685, 0.2472, 0.3173

Triad

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



52.7685, 0.2702, 0.3552



52.7685, 0.2790, 0.2670



52.7685, 0.3900, 0.3654

Complementary

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



52.7685, 0.2702, 0.3552



30.5158, 0.3848, 0.3049

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.



52.7685, 0.3827, 0.3342



52.7685, 0.2702, 0.3552



52.7685, 0.3165, 0.2797

Square

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



52.7685, 0.2702, 0.3552



52.7685, 0.2521, 0.2686



52.7685, 0.3551, 0.3037



52.7685, 0.3752, 0.3898

Rectangle

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



52.7685, 0.2702, 0.3552



52.7685, 0.2410, 0.2951



52.7685, 0.3551, 0.3037



52.7685, 0.3901, 0.3553

Sweetspot

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



52.7706, 0.2702, 0.3552



94.1922, 0.2982, 0.3363



52.3626, 0.3216, 0.4411



20.0375, 0.2967, 0.3371



0.0000, 0.0000, 0.0000



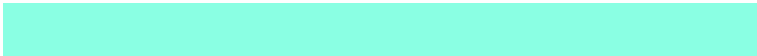
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7706, 0.2702, 0.3552



82.4522, 0.2634, 0.3615



44.5571, 0.2553, 0.3011



13.3571, 0.3014, 0.3346



29.6838, 0.2463, 0.4067



1.6716, 0.2419, 0.3907

Inverse Universe

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



30.5158, 0.3848, 0.3049



42.0876, 0.4075, 0.3002



35.6625, 0.3979, 0.3548



11.8536, 0.3254, 0.3235



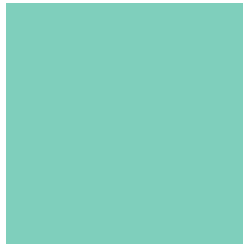
8.5107, 0.5953, 0.3053



0.4885, 0.5421, 0.2760

Previews

White Background



This preview shows how the Yxy color 52.7685, 0.2702, 0.3552 looks on a white background.

Color Contrast Check

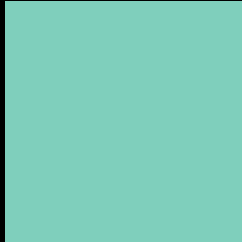
Large Text (above 18pt) WCAG AA × Fail

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 52.7685, 0.2702, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

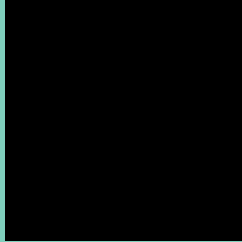
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

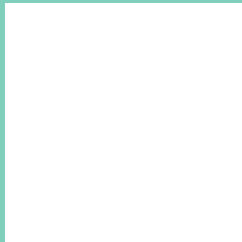
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7685, 0.2702, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 52.7685, 0.2702, 0.3552.

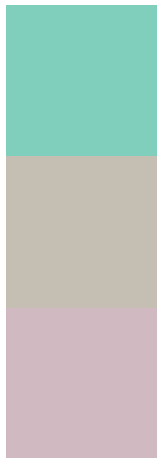


This preview shows how white text looks on a background with the Yxy color 52.7685, 0.2702, 0.3552.

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

52.7685, 0.2702, 0.3552

Protanopia

51.9519, 0.3270, 0.3427

Deuteranopia

52.1035, 0.3267, 0.3195



Tritanopia

52.9772, 0.2565, 0.3080

Trichromacy



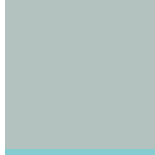
Original Color

52.7685, 0.2702, 0.3552



Protanomaly

51.6279, 0.3040, 0.3473



Deuteranomaly

51.4852, 0.3031, 0.3315



Tritanomaly

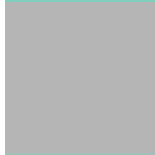
52.6453, 0.2611, 0.3235

Monochromacy



Original Color

52.7685, 0.2702, 0.3552



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

47.8647, 0.2941, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7685, 0.2702, 0.3552 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, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(127, 207, 188)  
}
```

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, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 207, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.7685, 0.2702, 0.3552 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, 207, 188) }
```

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

```
.border{ border-color:rgb(127, 207, 188) }
```

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

Here you see how a box with a 4 pixel rgb(127, 207, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(127, 207,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7685, 0.2702, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 207, 188) }
```

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

```
.background{ background-color: rgb(127,  
207, 188) }
```

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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