

Converting Colors

$Yxy(52.5961, 0.2733, 0.3681)$

Have a look what the booklet for
Yxy(52.5961, 0.2733, 0.3681)
contains.

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Color

Yxy(52.6921, 0.2733, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	7CD0B4
RGB	124, 208, 180
RGB Percent	49%, 82%, 71%
CMY	0.5138, 0.1843, 0.2942
CMYK	0.40, 0.00, 0.13, 0.18
HSL	160°, 47%, 65%
HSV	160°, 40%, 82%
XYZ	39.1006, 52.6921, 51.2757
YIQ	179.6920, -41.0760, -26.5160

Conversions

Conversions Part 2

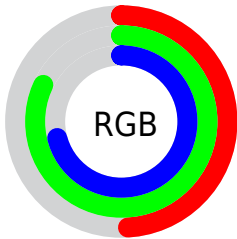
Format	Color
RYB	124, 174, 208
Decimal	8179892
CIELab	77.69, -31.98, 5.94
CIELCh	78, 32.530, 169.483
Yxy	52.6921, 0.2733, 0.3683
Android (android.graphics.Color)	4286369972 (0xFF7CD0B4)
YUV	179.6920, 0.1518, -48.8419
Hunter-Lab	72.5893, -30.8814, 8.9312

Details

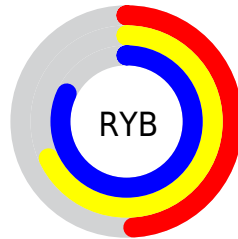
The Yxy color **52.6921, 0.2733, 0.3683** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.0864, 0.3796, 0.2937**, and the grayscale version is **45.4802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2794, 0.2794, 0.3498**, and **25.5800, 0.2625, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **51.0292, 0.2660, 0.3801**, and if you desaturate by 10%, it is **54.7003, 0.2819, 0.3573**.

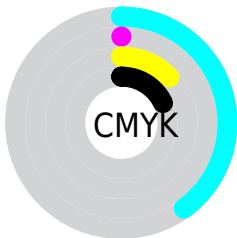
Distribution



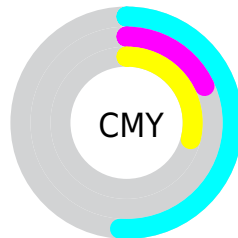
- Red (49%)
- Green (82%)
- Blue (71%)



- Red (49%)
- Yellow (68%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)




- Cyan (51%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6921, 0.2733, 0.3683 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 52.6921, 0.2733, 0.3683 by changing the saturation by 10% instead.


 52.6921, 0.2733,
0.3683


 52.6921, 0.2733,
0.3683


397.1027, 0.2928,
0.3486


 37.5570, 0.2685,
0.3732


 94.1511, 0.2803,
0.3611

 25.6391, 0.2624,
0.3796


 121.2439, 0.2830,
0.3584

 16.5538, 0.2544,
0.3880


 153.0914, 0.2852,
0.3562

 9.9169, 0.2433,
0.3999

190.0779, 0.2872,
0.3542

 5.3439, 0.2271,
0.4175

232.5879, 0.2888,
0.3525

 2.4504, 0.2013,
0.4467


281.0058, 0.2903,

 0.8516, 0.0206,


0.3511


0.6116

335.7159, 0.2916,
0.3498

 0.0000, 0.0000,
0.0000

 52.6921, 0.2733,
0.3683


 52.6921, 0.2733,
0.3683


 51.0292, 0.2660,
0.3801

 54.7003, 0.2819,
0.3573


 49.6842, 0.2603,
0.3924


 57.0664, 0.2914,
0.3471


 48.6360, 0.2564,
0.4051


 59.8103, 0.3016,
0.3377


 47.8579, 0.2546,
0.4179

 62.9485, 0.3123,
0.3293

 47.3184, 0.2547,
0.4307


 66.4964, 0.3231,
0.3218

 46.9701, 0.2563,
0.4428

 70.4688, 0.3339,
0.3151

 72.0091, 0.3336,
0.3084

 72.4035, 0.3285,
0.3016

 72.8136, 0.3236,
0.2949

Harmonies

Analogous

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



52.6921, 0.3144, 0.3998



52.6921, 0.2733, 0.3683



52.6921, 0.2440, 0.3254

Triad

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



52.6921, 0.2733, 0.3683



52.6921, 0.2664, 0.2588



52.6921, 0.4000, 0.3611

Complementary

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



52.6921, 0.2733, 0.3683



30.0864, 0.3796, 0.2937

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.



52.6921, 0.3859, 0.3260



52.6921, 0.2733, 0.3683



52.6921, 0.3062, 0.2695

Square

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



52.6921, 0.2733, 0.3683



52.6921, 0.2404, 0.2645



52.6921, 0.3505, 0.2934



52.6921, 0.3887, 0.3914

Rectangle

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



52.6921, 0.2733, 0.3683



52.6921, 0.2342, 0.2988



52.6921, 0.3505, 0.2934



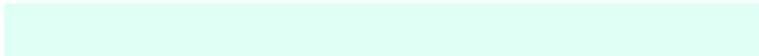
52.6921, 0.3981, 0.3495

Sweetspot

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



52.6942, 0.2733, 0.3683



94.0112, 0.2998, 0.3393



53.3813, 0.3282, 0.4446



19.9947, 0.2985, 0.3405



0.0000, 0.0000, 0.0000



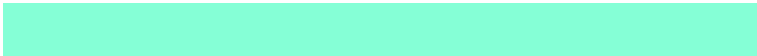
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6942, 0.2733, 0.3683



81.3377, 0.2672, 0.3778



48.0493, 0.2548, 0.3115



13.3372, 0.3027, 0.3369



29.2895, 0.2558, 0.4410



1.6521, 0.2494, 0.4179

Inverse Universe

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



30.0864, 0.3796, 0.2937



40.9596, 0.4004, 0.2869



32.6370, 0.4078, 0.3454



11.8724, 0.3239, 0.3213



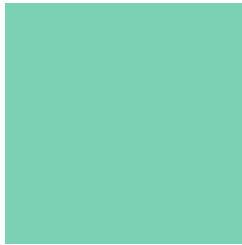
8.6447, 0.5623, 0.2871



0.4980, 0.5101, 0.2584

Previews

White Background



This preview shows how the Yxy color 52.6921, 0.2733, 0.3683 looks on a white background.

Color Contrast Check

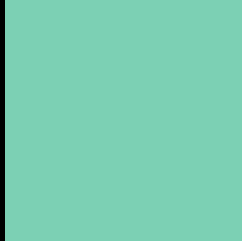
Large Text (above 18pt) WCAG AA × Fail

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 52.6921, 0.2733, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

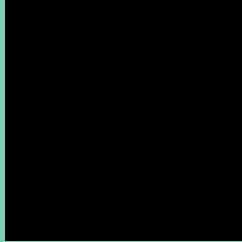
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

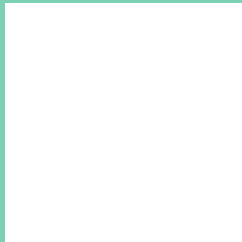
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6921, 0.2733, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 52.6921, 0.2733, 0.3683.

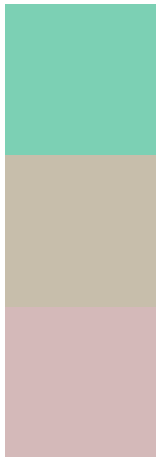


This preview shows how white text looks on a background with the Yxy color 52.6921, 0.2733, 0.3683.

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

52.6921, 0.2733, 0.3683

Protanopia

51.9093, 0.3351, 0.3527

Deuteranopia

52.1978, 0.3357, 0.3291



Tritanopia

52.4239, 0.2558, 0.3066

Trichromacy



Original Color

52.6921, 0.2733, 0.3683



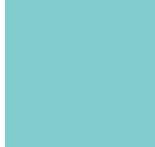
Protanomaly

51.7592, 0.3097, 0.3593



Deuteranomaly

51.2621, 0.3097, 0.3419



Tritanomaly

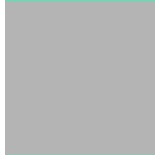
52.3393, 0.2617, 0.3275

Monochromacy



Original Color

52.6921, 0.2733, 0.3683



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

47.5958, 0.2962, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6921, 0.2733, 0.3683 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(124, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(124, 208, 180)  
}
```

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(124, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 208, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.6921, 0.2733, 0.3683 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(124, 208, 180) }
```

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

```
.border{ border-color:rgb(124, 208, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 208, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(124, 208,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6921, 0.2733, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 208, 180) }
```

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

```
.background{ background-color: rgb(124,  
208, 180) }
```

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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