

Converting Colors

$Yxy(52.4604, 0.2677, 0.3482)$

Have a look what the booklet for
Yxy(52.4604, 0.2677, 0.3482)
contains.

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Color

Yxy(52.4604, 0.2677, 0.3482)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FCEC0 |
| RGB | 127, 206, 192 |
| RGB Percent | 50%, 81%, 75% |
| CMY | 0.5022, 0.1921, 0.2471 |
| CMYK | 0.38, 0.00, 0.07, 0.19 |
| HSL | 169°, 45%, 65% |
| HSV | 169°, 38%, 81% |
| XYZ | 40.3321, 52.4604, 57.8692 |
| YIQ | 180.7830, -42.5900, -21.1020 |

Conversions

Conversions Part 2

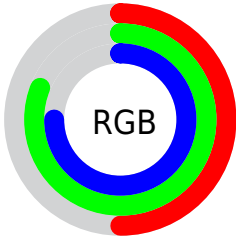
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 127, 170, 206 |
| Decimal | 8376000 |
| CIELab | 77.56, -27.53, -0.70 |
| CIELCh | 78, 27.536, 181.460 |
| Yxy | 52.4604, 0.2677, 0.3482 |
| Android (android.graphics.Color) | 4286566080 (0xFF7FCEC0) |
| YUV | 180.7830, 5.5300, -47.1677 |
| Hunter-Lab | 72.4296, -27.3546, 3.3297 |

Details

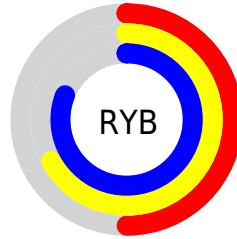
The Yxy color **52.4604, 0.2677, 0.3482** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.2110, 0.3898, 0.3112**, and the grayscale version is **46.0669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3646, 0.2750, 0.3364**, and **25.3750, 0.2551, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **50.8801, 0.2587, 0.3541**, and if you desaturate by 10%, it is **54.3723, 0.2781, 0.3426**.

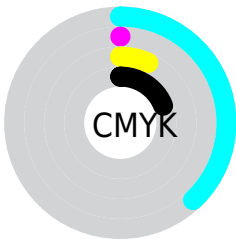
Distribution



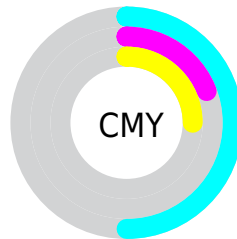
- Red (50%)
- Green (81%)
- Blue (75%)



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



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)





- Cyan (50%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4604, 0.2677, 0.3482 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 52.4604, 0.2677, 0.3482 by changing the saturation by 10% instead.


 52.4604, 0.2677,
0.3482


 52.4604, 0.2677,
0.3482


396.2114, 0.2896,
0.3389

 37.3722, 0.2624,
0.3504


 93.8099, 0.2755,
0.3449

 25.4958, 0.2557,
0.3533


 120.8399, 0.2785,
0.3436

 16.4468, 0.2469,
0.3569


 152.6194, 0.2811,
0.3425

 9.8409, 0.2350,
0.3619

189.5326, 0.2833,
0.3416

 5.2936, 0.2179,
0.3690

231.9641, 0.2852,
0.3408

 2.4205, 0.1916,
0.3797

280.2981, 0.2868,

 0.8364, 0.0641,

0.3401

334.9191, 0.2883,
0.3395

0.4358

0.0000, 0.0000,
0.0000

52.4604, 0.2677,
0.3482

52.4604, 0.2677,
0.3482

50.8801, 0.2587,
0.3541

54.3723, 0.2781,
0.3426

49.6051, 0.2514,
0.3602

56.6276, 0.2896,
0.3374

48.6155, 0.2459,
0.3665

59.2454, 0.3019,
0.3327

47.8864, 0.2423,
0.3729

62.2412, 0.3148,
0.3283

47.3882, 0.2407,
0.3793

65.6300, 0.3280,
0.3244

■ 47.0761, 0.2407,
0.3856

■ 69.4257, 0.3413,
0.3209

■ 47.0321, 0.2407,
0.3867

■ 70.4474, 0.3420,
0.3174

■ 70.6401, 0.3392,
0.3137

■ 70.8371, 0.3365,
0.3100

Harmonies

Analogous

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



52.4604, 0.2998, 0.3798



52.4604, 0.2677, 0.3482



52.4604, 0.2481, 0.3125

Triad

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



52.4604, 0.2677, 0.3482



52.4604, 0.2859, 0.2708



52.4604, 0.3854, 0.3683

Complementary

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



52.4604, 0.2677, 0.3482



30.2110, 0.3898, 0.3112

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.



52.4604, 0.3819, 0.3391



52.4604, 0.2677, 0.3482



52.4604, 0.3225, 0.2849

Square

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



52.4604, 0.2677, 0.3482



52.4604, 0.2581, 0.2701



52.4604, 0.3584, 0.3093



52.4604, 0.3684, 0.3896

Rectangle

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



52.4604, 0.2677, 0.3482



52.4604, 0.2439, 0.2924



52.4604, 0.3584, 0.3093



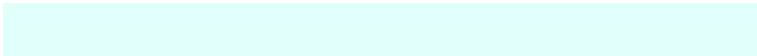
52.4604, 0.3867, 0.3590

Sweetspot

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



52.4625, 0.2677, 0.3482



94.3069, 0.2972, 0.3344



51.3813, 0.3176, 0.4415



20.0646, 0.2956, 0.3350



0.0000, 0.0000, 0.0000



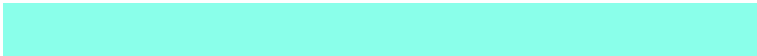
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4625, 0.2677, 0.3482



82.8505, 0.2602, 0.3530



42.0028, 0.2546, 0.2937



12.6916, 0.3007, 0.3331



28.9699, 0.2405, 0.3857



1.5037, 0.2371, 0.3734

Inverse Universe

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



30.2110, 0.3898, 0.3112



41.8364, 0.4154, 0.3076



37.1064, 0.3944, 0.3613



11.2456, 0.3263, 0.3249



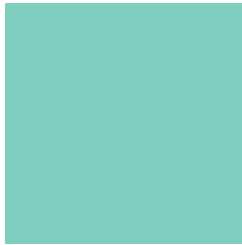
8.1706, 0.6116, 0.3143



0.4317, 0.5598, 0.2857

Previews

White Background



This preview shows how the Yxy color 52.4604, 0.2677, 0.3482 looks on a white background.

Color Contrast Check

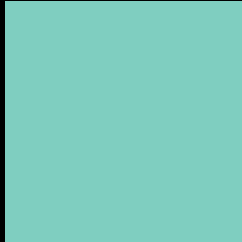
Large Text (above 18pt) WCAG AA × Fail

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 52.4604, 0.2677, 0.3482 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 52.4604, 0.2677, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 52.4604, 0.2677, 0.3482.

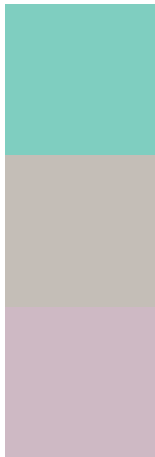


This preview shows how white text looks on a background with the Yxy color 52.4604, 0.2677, 0.3482.

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

52.4604, 0.2677, 0.3482

Protanopia

51.9816, 0.3231, 0.3377

Deuteranopia

51.8053, 0.3217, 0.3159



Tritanopia

52.3713, 0.2563, 0.3079

Trichromacy



Original Color

52.4604, 0.2677, 0.3482

Protanomaly

51.6830, 0.3004, 0.3420

Deuteranomaly

51.4272, 0.2986, 0.3264

Tritanomaly

52.1406, 0.2598, 0.3208

Monochromacy



Original Color

52.4604, 0.2677, 0.3482

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.9068, 0.2934, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4604, 0.2677, 0.3482 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(127, 206, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 206, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.4604, 0.2677, 0.3482 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, 192) }
```

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

```
.border{ border-color:rgb(127, 206, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 206, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 206, 192);  
box-shadow:4px 4px 4px 4px rgb(127, 206,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4604, 0.2677, 0.3482 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, 192) }
```

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

```
.background{ background-color: rgb(127,  
206, 192) }
```

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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