

Converting Colors

$Yxy(63.2569, 0.2670, 0.3678)$

Have a look what the booklet for
Yxy(63.2569, 0.2670, 0.3678)
contains.

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Color

Yxy(63.2545, 0.2670, 0.3683)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CE3C5 |
| RGB | 124, 227, 197 |
| RGB Percent | 49%, 89%, 77% |
| CMY | 0.5139, 0.1098, 0.2273 |
| CMYK | 0.45, 0.00, 0.13, 0.11 |
| HSL | 163°, 65%, 69% |
| HSV | 163°, 45%, 89% |
| XYZ | 45.8565, 63.2545, 62.6362 |
| YIQ | 192.7830, -51.7580, -31.1660 |

Conversions

Conversions Part 2

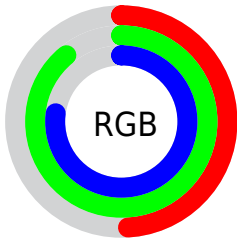
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 124, 184, 227 |
| Decimal | 8184773 |
| CIELab | 83.58, -37.05, 5.35 |
| CIELCh | 84, 37.436, 171.788 |
| Yxy | 63.2545, 0.2670, 0.3683 |
| Android (android.graphics.Color) | 4286374853 (0xFF7CE3C5) |
| YUV | 192.7830, 2.0790, -60.3227 |
| Hunter-Lab | 79.5327, -36.2637, 8.9789 |

Details

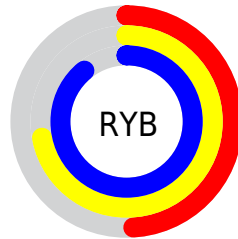
The Yxy color **63.2545, 0.2670, 0.3683** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **33.0650, 0.3980, 0.2943**, and the grayscale version is **53.2001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4995, 0.2711, 0.3299**, and **32.2672, 0.2558, 0.3792** is the 20% darker color. If you saturate the color by 10%, you get **61.4607, 0.2601, 0.3788**, and if you desaturate by 10%, it is **65.4559, 0.2754, 0.3584**.

Distribution



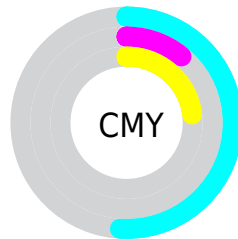
- Red (49%)
- Green (89%)
- Blue (77%)



- Red (49%)
- Yellow (72%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)




- Cyan (51%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2545, 0.2670, 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 63.2545, 0.2670, 0.3683 by changing the saturation by 10% instead.


 63.2545, 0.2670,
0.3683


 63.2545, 0.2670,
0.3683

436.4925, 0.2888,
0.3493


 46.0471, 0.2619,
0.3729

 109.5366, 0.2747,
0.3615

 32.2830, 0.2554,
0.3787


 139.3801, 0.2777,
0.3589

 21.5778, 0.2471,
0.3862


 174.2045, 0.2802,
0.3567

 13.5470, 0.2360,
0.3963

214.3940, 0.2824,
0.3548

 7.8063, 0.2206,
0.4109

260.3332, 0.2843,
0.3532

 3.9712, 0.1975,
0.4332


312.4065, 0.2860,

 1.6575, 0.1508,


0.3517

0.4768


370.9981, 0.2875,
0.3504


 0.3959, 0.0000,
0.8737


 0.0000, 0.0000,
0.0000


 63.2545, 0.2670,
0.3683


 63.2545, 0.2670,
0.3683


 61.4607, 0.2601,
0.3788


 65.4559, 0.2754,
0.3584


 60.0395, 0.2550,
0.3896


 68.0818, 0.2850,
0.3491

 58.9628, 0.2518,
0.4007


 71.1576, 0.2955,
0.3406


 58.1948, 0.2506,
0.4118


 74.7041, 0.3066,
0.3329

 57.6916, 0.2514,
0.4228

 78.7412, 0.3180,
0.3259

 57.5158, 0.2522,
0.4278

 82.2968, 0.3259,
0.3195

 82.6892, 0.3216,
0.3131

 83.0958, 0.3173,
0.3068

 83.4230, 0.3140,
0.3019

Harmonies

Analogous

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



63.2545, 0.3106, 0.4043



63.2545, 0.2670, 0.3683



63.2545, 0.2370, 0.3212

Triad

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



63.2545, 0.2670, 0.3683



63.2545, 0.2655, 0.2539



63.2545, 0.4073, 0.3660

Complementary

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



63.2545, 0.2670, 0.3683



33.0650, 0.3980, 0.2943

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.



63.2545, 0.3942, 0.3283



63.2545, 0.2670, 0.3683



63.2545, 0.3091, 0.2666

Square

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



63.2545, 0.2670, 0.3683



63.2545, 0.2364, 0.2582



63.2545, 0.3571, 0.2931



63.2545, 0.3928, 0.3982

Rectangle

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



63.2545, 0.2670, 0.3683



63.2545, 0.2276, 0.2930



63.2545, 0.3571, 0.2931



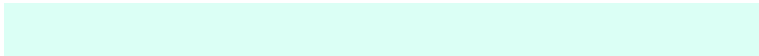
63.2545, 0.4060, 0.3536

Sweetspot

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



63.2570, 0.2670, 0.3683



93.1959, 0.2969, 0.3396



63.3522, 0.3258, 0.4628



19.7470, 0.2945, 0.3413



0.0000, 0.0000, 0.0000



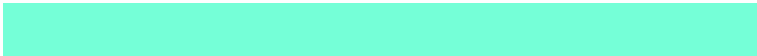
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2570, 0.2670, 0.3683



80.2266, 0.2608, 0.3776



54.1616, 0.2473, 0.3021



16.2612, 0.3020, 0.3359



33.5617, 0.2517, 0.4261



2.4961, 0.2473, 0.4101

Inverse Universe

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



33.0650, 0.3980, 0.2943



36.4988, 0.4249, 0.2885



37.9028, 0.4231, 0.3534



14.4366, 0.3247, 0.3222



9.7714, 0.5789, 0.2963



0.7378, 0.5372, 0.2733

Previews

White Background



This preview shows how the Yxy color 63.2545, 0.2670, 0.3683 looks on a white background.

Color Contrast Check

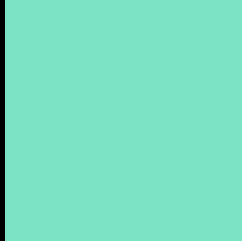
Large Text (above 18pt) WCAG AA × Fail

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 63.2545, 0.2670, 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

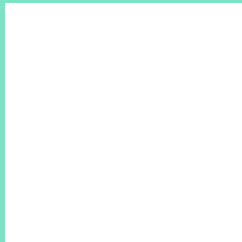
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2545, 0.2670, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 63.2545, 0.2670, 0.3683.

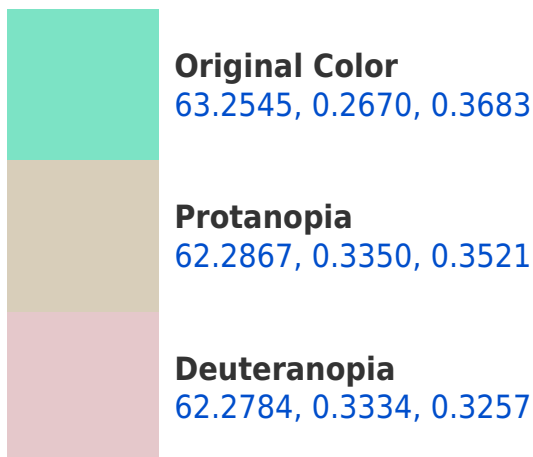


This preview shows how white text looks on a background with the Yxy color 63.2545, 0.2670, 0.3683.

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





Tritanopia

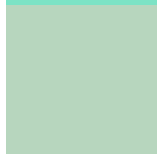
63.0958, 0.2501, 0.3068

Trichromacy



Original Color

63.2545, 0.2670, 0.3683



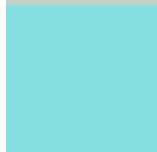
Protanomaly

61.8781, 0.3063, 0.3585



Deuteranomaly

61.3866, 0.3048, 0.3398



Tritanomaly

62.9825, 0.2559, 0.3276

Monochromacy



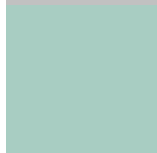
Original Color

63.2545, 0.2670, 0.3683



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.8825, 0.2929, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2545, 0.2670, 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, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(124, 227, 197)  
}
```

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, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 227, 197) }
```

Border

The CSS property to change the border of an element to Yxy 63.2545, 0.2670, 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, 227, 197) }
```

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

```
.border{ border-color:rgb(124, 227, 197) }
```

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

Here you see how a box with a 4 pixel rgb(124, 227, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 227, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 227, 197);  
box-shadow:4px 4px 4px 4px rgb(124, 227,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2545, 0.2670, 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, 227, 197) }
```

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

```
.background{ background-color: rgb(124,  
227, 197) }
```

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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