

Converting Colors

$Yxy(50.4812, 0.2624, 0.3358)$

Have a look what the booklet for
Yxy(50.4812, 0.2624, 0.3358)
contains.

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Color

Yxy(50.5574, 0.2624, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	7CCAC5
RGB	124, 202, 197
RGB Percent	49%, 79%, 77%
CMY	0.5138, 0.2078, 0.2275
CMYK	0.39, 0.00, 0.02, 0.21
HSL	176°, 42%, 64%
HSV	176°, 39%, 79%
XYZ	39.5064, 50.5574, 60.4942
YIQ	178.1080, -44.8830, -18.0910

Conversions

Conversions Part 2

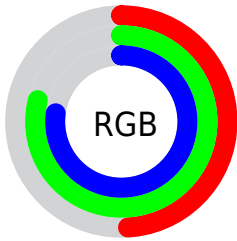
Format	Color
RYB	124, 164, 202
Decimal	8178373
CIELab	76.41, -25.17, -5.09
CIELCh	76, 25.682, 191.431
Yxy	50.5574, 0.2624, 0.3358
Android (android.graphics.Color)	4286368453 (0xFF7CCAC5)
YUV	178.1080, 9.3138, -47.4527
Hunter-Lab	71.1037, -25.2539, -0.6706

Details

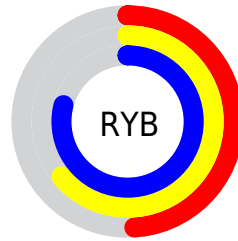
The Yxy color **50.5574, 0.2624, 0.3358** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.5505, 0.4015, 0.3227**, and the grayscale version is **44.5458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3791, 0.2706, 0.3299**, and **24.4282, 0.2494, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **49.1465, 0.2525, 0.3378**, and if you desaturate by 10%, it is **52.2811, 0.2738, 0.3339**.

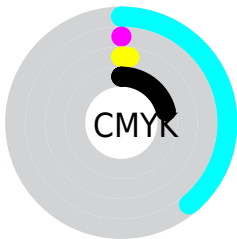
Distribution



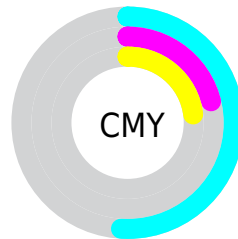
- Red (49%)
- Green (79%)
- Blue (77%)



- Red (49%)
- Yellow (64%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (51%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5574, 0.2624, 0.3358 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 50.5574, 0.2624, 0.3358 by changing the saturation by 10% instead.


 50.5574, 0.2624,
0.3358


 50.5574, 0.2624,
0.3358


388.8417, 0.2869,
0.3328


 35.8565, 0.2565,
0.3364


 91.0002, 0.2712,
0.3348

 24.3234, 0.2490,
0.3371


 117.5109, 0.2745,
0.3344

 15.5737, 0.2392,
0.3380


 148.7269, 0.2773,
0.3341

 9.2230, 0.2260,
0.3390

185.0328, 0.2798,
0.3338

 4.8869, 0.2072,
0.3399

226.8128, 0.2819,
0.3335

 2.1811, 0.1782,
0.3404

274.4513, 0.2838,

 0.7096, 0.0314,

0.3332

0.3720

328.3329, 0.2854,
0.3330

0.0000, 0.0000,
0.0000

50.5574, 0.2624,
0.3358

50.5574, 0.2624,
0.3358

49.1465, 0.2525,
0.3378

52.2811, 0.2738,
0.3339

48.0234, 0.2444,
0.3399

54.3288, 0.2866,
0.3320

47.1691, 0.2381,
0.3421


56.7188, 0.3003,
0.3303

46.5596, 0.2338,
0.3442


59.4659, 0.3147,
0.3288

46.1669, 0.2313,
0.3464

62.5843, 0.3296,
0.3274

 45.9463, 0.2303,
0.3485

 66.0873, 0.3447,
0.3262

 45.9207, 0.2302,
0.3488

 67.9660, 0.3515,
0.3249

 68.0294, 0.3504,
0.3236

 68.0933, 0.3494,
0.3223

Harmonies

Analogous

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



50.5574, 0.2896, 0.3682



50.5574, 0.2624, 0.3358



50.5574, 0.2486, 0.3035

Triad

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



50.5574, 0.2624, 0.3358



50.5574, 0.2984, 0.2770



50.5574, 0.3780, 0.3742

Complementary

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



50.5574, 0.2624, 0.3358



28.5505, 0.4015, 0.3227

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.



50.5574, 0.3814, 0.3483



50.5574, 0.2624, 0.3358



50.5574, 0.3339, 0.2940

Square

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



50.5574, 0.2624, 0.3358



50.5574, 0.2684, 0.2719



50.5574, 0.3649, 0.3195



50.5574, 0.3566, 0.3899

Rectangle

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



50.5574, 0.2624, 0.3358



50.5574, 0.2483, 0.2869



50.5574, 0.3649, 0.3195



50.5574, 0.3814, 0.3663

Sweetspot

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



50.5594, 0.2624, 0.3358



94.5252, 0.2953, 0.3309



48.3808, 0.3109, 0.4445



20.1163, 0.2935, 0.3311



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.



50.5594, 0.2624, 0.3358



83.6415, 0.2544, 0.3374



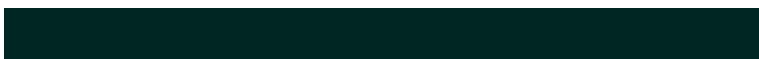
36.6241, 0.2523, 0.2799



12.7141, 0.2992, 0.3305



29.5513, 0.2301, 0.3485



1.5284, 0.2290, 0.3443

Inverse Universe

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



28.5505, 0.4015, 0.3227



41.4028, 0.4303, 0.3215



38.3937, 0.3904, 0.3730



11.2252, 0.3280, 0.3275



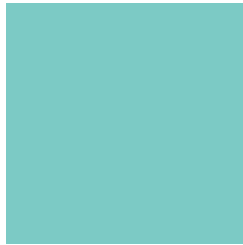
8.1034, 0.6324, 0.3257



0.4222, 0.6075, 0.3121

Previews

White Background



This preview shows how the Yxy color 50.5574, 0.2624, 0.3358 looks on a white background.

Color Contrast Check

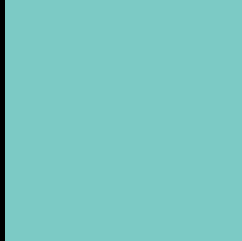
Large Text (above 18pt) WCAG AA × Fail

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 50.5574, 0.2624, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

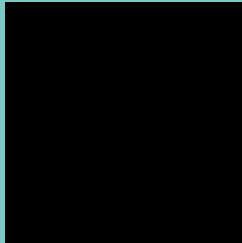
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

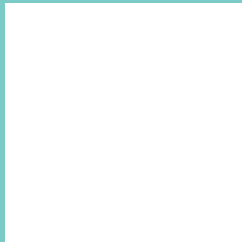
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5574, 0.2624, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 50.5574, 0.2624, 0.3358.



This preview shows how white text looks on a background with the Yxy color 50.5574, 0.2624, 0.3358.

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

50.5574, 0.2624, 0.3358

Protanopia

50.2479, 0.3153, 0.3278

Deuteranopia

49.9523, 0.3130, 0.3060



Tritanopia

50.4203, 0.2546, 0.3075

Trichromacy



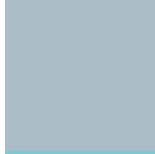
Original Color

50.5574, 0.2624, 0.3358



Protanomaly

49.6764, 0.2938, 0.3303



Deuteranomaly

49.3360, 0.2912, 0.3148



Tritanomaly

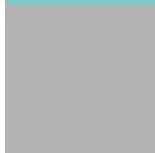
50.3746, 0.2575, 0.3180

Monochromacy



Original Color

50.5574, 0.2624, 0.3358



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

46.3125, 0.2910, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5574, 0.2624, 0.3358 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, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(124, 202, 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, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 202, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.5574, 0.2624, 0.3358 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, 202, 197) }
```

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

```
.border{ border-color:rgb(124, 202, 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, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(124, 202,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5574, 0.2624, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 202, 197) }
```

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

```
.background{ background-color: rgb(124,  
202, 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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