

Converting Colors

Yxy(54.8283, 0.2649, 0.3566)

Have a look what the booklet for
Yxy(54.8283, 0.2649, 0.3566)
contains.

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Color

Yxy(54.8858, 0.2650, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	78D4C0
RGB	120, 212, 192
RGB Percent	47%, 83%, 75%
CMY	0.5291, 0.1686, 0.2471
CMYK	0.43, 0.00, 0.09, 0.17
HSL	167°, 52%, 65%
HSV	167°, 43%, 83%
XYZ	40.8101, 54.8858, 58.3046
YIQ	182.2120, -48.4120, -25.7240

Conversions

Conversions Part 2

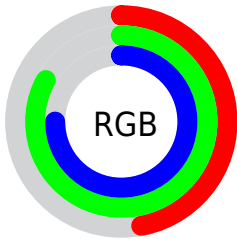
Format	Color
RYB	120, 172, 212
Decimal	7918784
CIELab	78.98, -32.17, 1.34
CIELCh	79, 32.198, 177.612
Yxy	54.8858, 0.2650, 0.3564
Android (android.graphics.Color)	4286108864 (0xFF78D4C0)
YUV	182.2120, 4.8255, -54.5599
Hunter-Lab	74.0850, -31.3208, 5.1984

Details

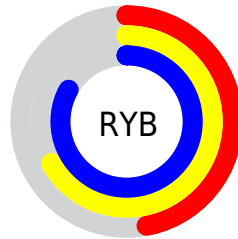
The Yxy color **54.8858, 0.2650, 0.3564** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.3438, 0.4004, 0.3043**, and the grayscale version is **46.9037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6444, 0.2719, 0.3365**, and **27.0348, 0.2521, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **53.3338, 0.2571, 0.3639**, and if you desaturate by 10%, it is **56.7842, 0.2744, 0.3493**.

Distribution



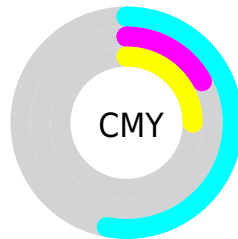
- Red (47%)
- Green (83%)
- Blue (75%)



- Red (47%)
- Yellow (67%)
- Blue (83%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (53%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8858, 0.2650, 0.3564 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 54.8858, 0.2650, 0.3564 by changing the saturation by 10% instead.

 54.8858, 0.2650,
0.3564

 54.8858, 0.2650,
0.3564


405.4789, 0.2882,
0.3430

 39.3103, 0.2594,
0.3596

 97.3736, 0.2733,
0.3516

 27.0012, 0.2524,
0.3637


 125.0547, 0.2764,
0.3498

 17.5741, 0.2433,
0.3691


 157.5398, 0.2791,
0.3483

 10.6447, 0.2309,
0.3764

195.2133, 0.2814,
0.3469

 5.8284, 0.2134,
0.3869

238.4595, 0.2834,
0.3458

 2.7410, 0.1865,
0.4032

287.6630, 0.2852,

 0.9981, 0.0742,

0.3447

0.4652

343.2079, 0.2867,
0.3438

0.0000, 0.0000,
0.0000

54.8858, 0.2650,
0.3564

54.8858, 0.2650,
0.3564

53.3338, 0.2571,
0.3639

56.7842, 0.2744,
0.3493

52.0992, 0.2510,
0.3717

59.0427, 0.2849,
0.3426

51.1590, 0.2468,
0.3797


61.6825, 0.2964,
0.3364

50.4841, 0.2445,
0.3878


64.7209, 0.3085,
0.3308

50.0396, 0.2442,
0.3957


68.1743, 0.3210,
0.3257

 49.8319, 0.2447,
0.4010

 72.0582, 0.3337,
0.3211

 73.7415, 0.3362,
0.3167

 73.9957, 0.3328,
0.3121

 74.2568, 0.3295,
0.3076

Harmonies

Analogous

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



54.8858, 0.3029, 0.3917



54.8858, 0.2650, 0.3564



54.8858, 0.2407, 0.3145

Triad

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



54.8858, 0.2650, 0.3564



54.8858, 0.2769, 0.2617



54.8858, 0.3973, 0.3694

Complementary

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



54.8858, 0.2650, 0.3564



29.3438, 0.4004, 0.3043

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.



54.8858, 0.3903, 0.3355



54.8858, 0.2650, 0.3564



54.8858, 0.3182, 0.2760

Square

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



54.8858, 0.2650, 0.3564



54.8858, 0.2473, 0.2627



54.8858, 0.3605, 0.3023



54.8858, 0.3802, 0.3961

Rectangle

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



54.8858, 0.2650, 0.3564



54.8858, 0.2345, 0.2905



54.8858, 0.3605, 0.3023



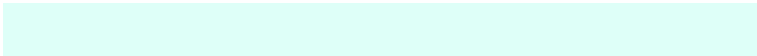
54.8858, 0.3978, 0.3584

Sweetspot

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



54.8880, 0.2650, 0.3564



93.7899, 0.2967, 0.3363



54.1509, 0.3210, 0.4573



19.8718, 0.2941, 0.3376



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.



54.8880, 0.2650, 0.3564



81.1855, 0.2577, 0.3633



44.4978, 0.2486, 0.2949



14.0594, 0.3011, 0.3341



30.7811, 0.2444, 0.3999



1.8683, 0.2406, 0.3861

Inverse Universe

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



29.3438, 0.4004, 0.3043



37.5204, 0.4303, 0.2998



35.4795, 0.4119, 0.3599



12.4646, 0.3257, 0.3239



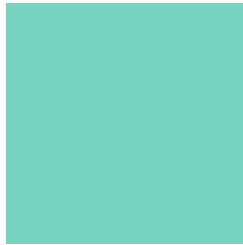
8.7758, 0.6014, 0.3087



0.5419, 0.5523, 0.2816

Previews

White Background



This preview shows how the Yxy color 54.8858, 0.2650, 0.3564 looks on a white background.

Color Contrast Check

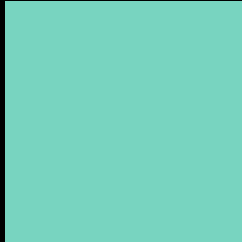
Large Text (above 18pt) WCAG AA × Fail

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 54.8858, 0.2650, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

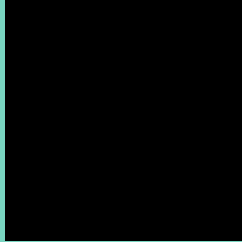
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

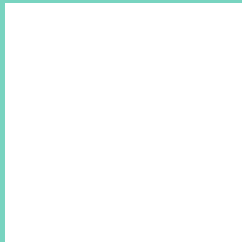
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8858, 0.2650, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 54.8858, 0.2650, 0.3564.



This preview shows how white text looks on a background with the Yxy color 54.8858, 0.2650, 0.3564.

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

54.8858, 0.2650, 0.3564

Protanopia

54.3785, 0.3275, 0.3437

Deuteranopia

53.9947, 0.3257, 0.3185



Tritanopia

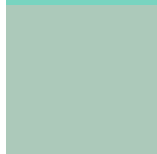
54.6746, 0.2515, 0.3068

Trichromacy



Original Color

54.8858, 0.2650, 0.3564



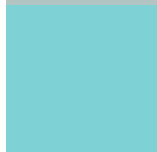
Protanomaly

54.0891, 0.3011, 0.3483



Deuteranomaly

53.4563, 0.3002, 0.3315



Tritanomaly

54.7900, 0.2567, 0.3249

Monochromacy



Original Color

54.8858, 0.2650, 0.3564



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

49.0560, 0.2913, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8858, 0.2650, 0.3564 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(120, 212, 192)` looks like.

```
.text, #text, p{  
    color:rgb(120, 212, 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(120, 212, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 212, 192) }
```

Border

The CSS property to change the border of an element to Yxy 54.8858, 0.2650, 0.3564 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(120, 212, 192) }
```

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

```
.border{ border-color:rgb(120, 212, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 212, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 212, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 212, 192);  
box-shadow:4px 4px 4px 4px rgb(120, 212,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8858, 0.2650, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 212, 192) }
```

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

```
.background{ background-color: rgb(120,  
212, 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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