

Converting Colors

$Y_{xy}(48.3362, 0.2560, 0.3195)$

Have a look what the booklet for
Yxy(48.3362, 0.2560, 0.3195)
contains.

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Color

Yxy(48.3571, 0.2557, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	79C5CC
RGB	121, 197, 204
RGB Percent	47%, 77%, 80%
CMY	0.5256, 0.2274, 0.1999
CMYK	0.41, 0.03, 0.00, 0.20
HSL	185°, 45%, 64%
HSV	185°, 41%, 80%
XYZ	38.7493, 48.3571, 64.4357
YIQ	175.0740, -47.5430, -13.9350

Conversions

Conversions Part 2

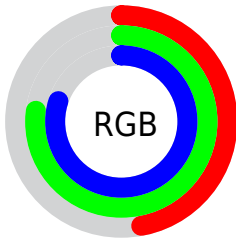
Format	Color
R _{YB}	121, 161, 204
Decimal	7980492
CIE Lab	75.05, -21.71, -10.93
CIE LCh	75, 24.304, 206.729
Yxy	48.3571, 0.2557, 0.3191
Android (android.graphics.Color)	4286170572 (0xFF79C5CC)
YUV	175.0740, 14.2605, -47.4229
Hunter-Lab	69.5393, -22.2283, -6.2612

Details

The Yxy color **48.3571, 0.2557, 0.3191** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.6567, 0.4117, 0.3384**, and the grayscale version is **42.8511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4507, 0.2685, 0.3278**, and **22.9707, 0.2403, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **46.2591, 0.2448, 0.3163**, and if you desaturate by 10%, it is **50.7796, 0.2681, 0.3218**.

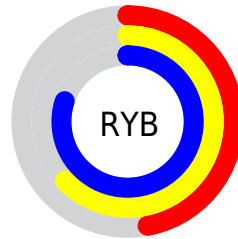
Distribution



Red (47%)

Green (77%)

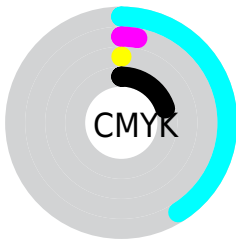
Blue (80%)



Red (47%)

Yellow (63%)

Blue (80%)

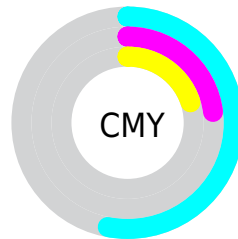


Cyan (41%)

Magenta (3%)

Yellow (0%)

Black (20%)



Cyan (53%)


Magenta (23%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3571, 0.2557, 0.3191 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 48.3571, 0.2557, 0.3191 by changing the saturation by 10% instead.


 48.3571, 0.2557,
0.3191


 48.3571, 0.2557,
0.3191

380.2058, 0.2835,
0.3246


 34.1098, 0.2490,
0.3176


 87.7359, 0.2656,
0.3212

 22.9779, 0.2405,
0.3155


 113.6361, 0.2694,
0.3220

 14.5772, 0.2295,
0.3126


 144.1894, 0.2726,
0.3226

 8.5232, 0.2146,
0.3084

179.7801, 0.2754,
0.3231

 4.4315, 0.1935,
0.3015

220.7928, 0.2778,
0.3236

 1.9178, 0.1615,
0.2890

267.6117, 0.2799,

 0.5590, 0.0007,

0.3240

0.2804

320.6212, 0.2818,
0.3243

0.0000, 0.0000,
0.0000

48.3571, 0.2557,
0.3191

48.3571, 0.2557,
0.3191

46.2591, 0.2448,
0.3163

50.7796, 0.2681,
0.3218

44.4599, 0.2356,
0.3134

53.5389, 0.2818,
0.3243

42.9394, 0.2283,
0.3105


56.6537, 0.2964,
0.3267

41.6724, 0.2229,
0.3076


60.1397, 0.3116,
0.3289


40.6286, 0.2193,
0.3048


64.0114, 0.3272,
0.3308

 39.8080, 0.2173,
0.3021

 68.2827, 0.3429,
0.3326

 71.2619, 0.3517,
0.3343

 72.1134, 0.3513,
0.3360

 72.9741, 0.3510,
0.3378

Harmonies

Analogous

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



48.3571, 0.2759, 0.3515



48.3571, 0.2557, 0.3191



48.3571, 0.2501, 0.2919

Triad

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



48.3571, 0.2557, 0.3191



48.3571, 0.3163, 0.2860



48.3571, 0.3668, 0.3819

Complementary

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



48.3571, 0.2557, 0.3191



29.6567, 0.4117, 0.3384

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.



48.3571, 0.3794, 0.3611



48.3571, 0.2557, 0.3191



48.3571, 0.3495, 0.3071

Square

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



48.3571, 0.2557, 0.3191



48.3571, 0.2837, 0.2749



48.3571, 0.3731, 0.3340



48.3571, 0.3398, 0.3891

Rectangle

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



48.3571, 0.2557, 0.3191



48.3571, 0.2551, 0.2802



48.3571, 0.3731, 0.3340



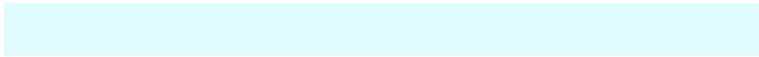
48.3571, 0.3730, 0.3761

Sweetspot

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



48.3590, 0.2557, 0.3191



93.0117, 0.2942, 0.3263



48.8177, 0.3027, 0.4429



19.7573, 0.2923, 0.3260



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.



48.3590, 0.2557, 0.3191



76.9338, 0.2459, 0.3166



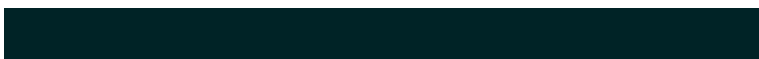
32.0585, 0.2460, 0.2577



12.5584, 0.2984, 0.3270



25.1150, 0.2174, 0.3025



1.3446, 0.2189, 0.3081

Inverse Universe

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



30.5397, 0.3245, 0.2370



43.7967, 0.3275, 0.2186



42.7535, 0.3894, 0.3906



11.3868, 0.3150, 0.3081



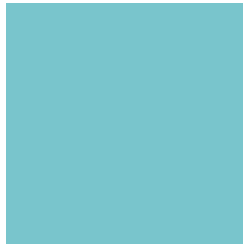
10.3384, 0.3432, 0.1664



0.5383, 0.3383, 0.1638

Previews

White Background



This preview shows how the Yxy color 48.3571, 0.2557, 0.3191 looks on a white background.

Color Contrast Check

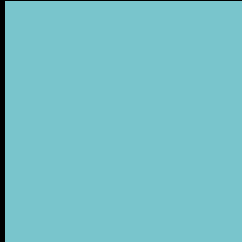
Large Text (above 18pt) WCAG AA × Fail

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 48.3571, 0.2557, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

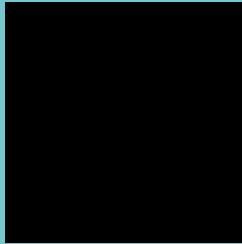
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

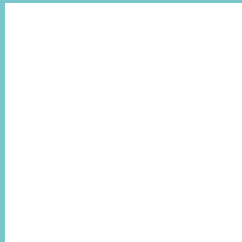
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3571, 0.2557, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 48.3571, 0.2557, 0.3191.

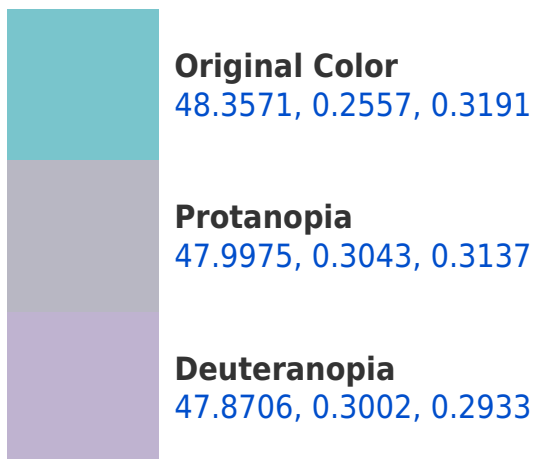


This preview shows how white text looks on a background with the Yxy color 48.3571, 0.2557, 0.3191.

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

48.4443, 0.2522, 0.3070

Trichromacy



Original Color

48.3571, 0.2557, 0.3191

Protanomaly

47.6207, 0.2842, 0.3157

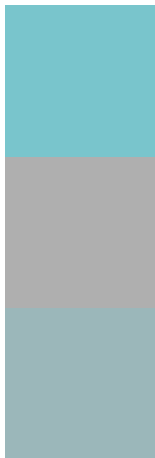
Deuteranomaly

47.7298, 0.2816, 0.3018

Tritanomaly

48.2209, 0.2533, 0.3110

Monochromacy



Original Color

48.3571, 0.2557, 0.3191

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.3807, 0.2877, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3571, 0.2557, 0.3191 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(121, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(121, 197, 204)  
}
```

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(121, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 197, 204) }
```

Border

The CSS property to change the border of an element to Yxy 48.3571, 0.2557, 0.3191 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(121, 197, 204) }
```

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

```
.border{ border-color:rgb(121, 197, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 197, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(121, 197,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3571, 0.2557, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 197, 204) }
```

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

```
.background{ background-color: rgb(121,  
197, 204) }
```

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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