

Converting Colors

$Y_{xy}(50.5200, 0.2577, 0.3412)$

Have a look what the booklet for
Yxy(50.5200, 0.2577, 0.3412)
contains.

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Color

Yxy(50.6366, 0.2580, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	71CCC3
RGB	113, 204, 195
RGB Percent	44%, 80%, 76%
CMY	0.5567, 0.2000, 0.2353
CMYK	0.45, 0.00, 0.04, 0.20
HSL	174°, 47%, 62%
HSV	174°, 45%, 80%
XYZ	38.2555, 50.6366, 59.3849
YIQ	175.7650, -51.3470, -22.0910

Conversions

Conversions Part 2

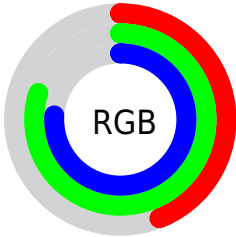
Format	Color
R _Y B	113, 161, 204
Decimal	7457987
CIE Lab	76.46, -29.36, -4.00
CIE LCh	76, 29.632, 187.749
Yxy	50.6366, 0.2580, 0.3415
Android (android.graphics.Color)	4285648067 (0xFF71CCC3)
YUV	175.7650, 9.4829, -55.0449
Hunter-Lab	71.1594, -28.5669, 0.3321

Details

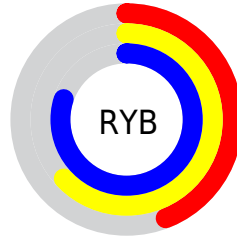
The Yxy color **50.6366, 0.2580, 0.3415** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.0604, 0.4184, 0.3177**, and the grayscale version is **43.2615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0311, 0.2671, 0.3332**, and **24.2302, 0.2436, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **49.3431, 0.2494, 0.3448**, and if you desaturate by 10%, it is **52.2395, 0.2682, 0.3384**.

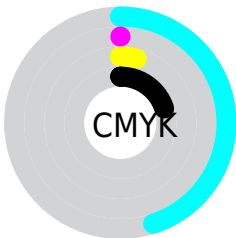
Distribution



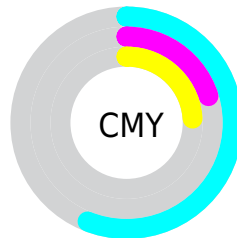
- Red (44%)
- Green (80%)
- Blue (76%)



- Red (44%)
- Yellow (63%)
- Blue (80%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)




- Cyan (56%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6366, 0.2580, 0.3415 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 50.6366, 0.2580, 0.3415 by changing the saturation by 10% instead.


 50.6366, 0.2580,
0.3415


 50.6366, 0.2580,
0.3415

389.1502, 0.2847,
0.3357


 35.9195, 0.2516,
0.3428


 91.1174, 0.2675,
0.3395

 24.3720, 0.2434,
0.3444


 117.6498, 0.2711,
0.3387

 15.6098, 0.2328,
0.3464


 148.8895, 0.2742,
0.3380

 9.2485, 0.2185,
0.3489

185.2208, 0.2769,
0.3375

 4.9036, 0.1981,
0.3522

227.0282, 0.2792,
0.3369

 2.1908, 0.1670,
0.3561

274.6959, 0.2812,

 0.7150, 0.0000,

0.3365

0.4026

328.6085, 0.2831,
0.3361

0.0000, 0.0000,
0.0000

50.6366, 0.2580,
0.3415

50.6366, 0.2580,
0.3415

49.3431, 0.2494,
0.3448

52.2395, 0.2682,
0.3384

48.3322, 0.2426,
0.3481

54.1644, 0.2799,
0.3354

47.5830, 0.2377,
0.3515


56.4306, 0.2927,
0.3326

47.0684, 0.2348,
0.3549

59.0541, 0.3063,
0.3301

46.7559, 0.2336,
0.3583


62.0498, 0.3204,
0.3278

 46.6386, 0.2334,
0.3601

 65.4318, 0.3349,
0.3257

 69.0557, 0.3487,
0.3239

 69.1564, 0.3472,
0.3218

 69.2584, 0.3456,
0.3197

Harmonies

Analogous

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



50.6366, 0.2905, 0.3785



50.6366, 0.2580, 0.3415



50.6366, 0.2404, 0.3033

Triad

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



50.6366, 0.2580, 0.3415



50.6366, 0.2913, 0.2682



50.6366, 0.3897, 0.3772

Complementary

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



50.6366, 0.2580, 0.3415



26.0604, 0.4184, 0.3177

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.



50.6366, 0.3909, 0.3465



50.6366, 0.2580, 0.3415



50.6366, 0.3320, 0.2861

Square

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



50.6366, 0.2580, 0.3415



50.6366, 0.2586, 0.2640



50.6366, 0.3693, 0.3139



50.6366, 0.3669, 0.3979

Rectangle

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



50.6366, 0.2580, 0.3415



50.6366, 0.2385, 0.2834



50.6366, 0.3693, 0.3139



50.6366, 0.3927, 0.3677

Sweetspot

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



50.6386, 0.2580, 0.3415



94.0364, 0.2946, 0.3323



48.5257, 0.3124, 0.4647



19.9332, 0.2916, 0.3329



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.



50.6386, 0.2580, 0.3415



81.6959, 0.2493, 0.3448



35.7347, 0.2439, 0.2754



12.7072, 0.2996, 0.3313



29.3626, 0.2332, 0.3596



1.5205, 0.2314, 0.3530

Inverse Universe

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



26.0604, 0.4184, 0.3177



35.6893, 0.4577, 0.3158



35.6579, 0.4081, 0.3760



11.2314, 0.3275, 0.3267



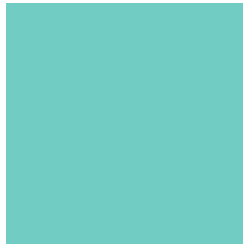
8.1186, 0.6275, 0.3231



0.4251, 0.5917, 0.3033

Previews

White Background



This preview shows how the Yxy color 50.6366, 0.2580, 0.3415 looks on a white background.

Color Contrast Check

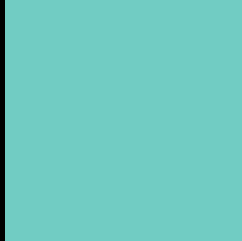
Large Text (above 18pt) WCAG AA × Fail

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 50.6366, 0.2580, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

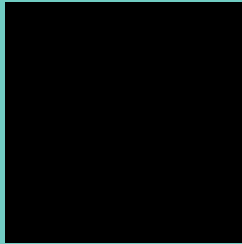
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

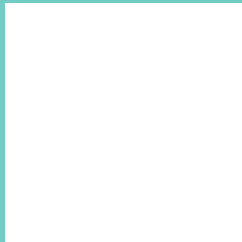
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6366, 0.2580, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 50.6366, 0.2580, 0.3415.

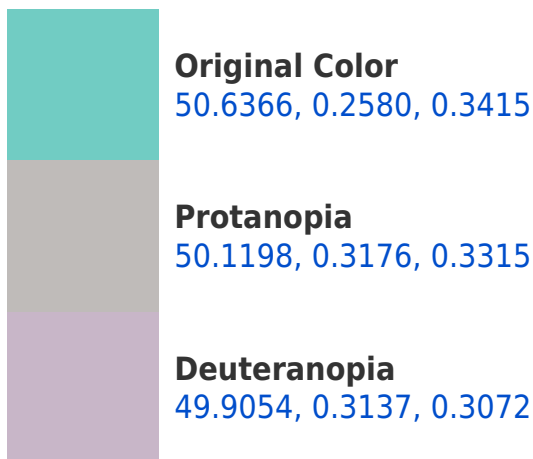


This preview shows how white text looks on a background with the Yxy color 50.6366, 0.2580, 0.3415.

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

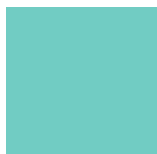




Tritanopia

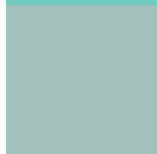
50.7050, 0.2486, 0.3073

Trichromacy



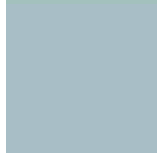
Original Color

50.6366, 0.2580, 0.3415



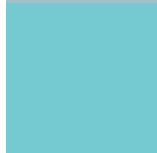
Protanomaly

49.6006, 0.2922, 0.3343



Deuteranomaly

49.2290, 0.2896, 0.3185



Tritanomaly

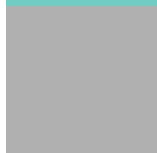
50.6264, 0.2520, 0.3193

Monochromacy



Original Color

50.6366, 0.2580, 0.3415



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

45.3090, 0.2885, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6366, 0.2580, 0.3415 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(113, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(113, 204, 195)  
}
```

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(113, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 204, 195) }
```

Border

The CSS property to change the border of an element to Yxy 50.6366, 0.2580, 0.3415 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(113, 204, 195) }
```

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

```
.border{ border-color:rgb(113, 204, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 204, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(113, 204,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6366, 0.2580, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 204, 195) }
```

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

```
.background{ background-color: rgb(113,  
204, 195) }
```

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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