

Converting Colors

$Y_{xy}(48.8453, 0.2635, 0.3301)$

Have a look what the booklet for
Yxy(48.8453, 0.2635, 0.3301)
contains.

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Color

Yxy(48.9314, 0.2634, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	7FC6C5
RGB	127, 198, 197
RGB Percent	50%, 78%, 77%
CMY	0.5017, 0.2236, 0.2274
CMYK	0.36, 0.00, 0.00, 0.22
HSL	179°, 38%, 64%
HSV	179°, 36%, 78%
XYZ	39.0325, 48.9314, 60.2233
YIQ	176.6570, -41.9950, -15.3630

Conversions

Conversions Part 2

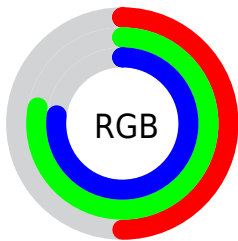
Format	Color
RYB	127, 163, 198
Decimal	8373957
CIELab	75.41, -22.35, -6.57
CIELCh	75, 23.300, 196.380
Yxy	48.9314, 0.2634, 0.3302
Android (android.graphics.Color)	4286564037 (0xFF7FC6C5)
YUV	176.6570, 10.0291, -43.5492
Hunter-Lab	69.9510, -22.8116, -2.0792

Details

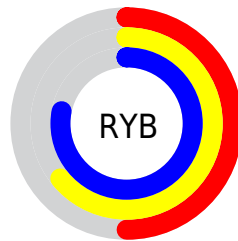
The Yxy color **48.9314, 0.2634, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.7577, 0.3966, 0.3280**, and the grayscale version is **43.7480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7430, 0.2721, 0.3300**, and **23.3462, 0.2505, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **47.5463, 0.2527, 0.3306**, and if you desaturate by 10%, it is **50.6191, 0.2757, 0.3298**.

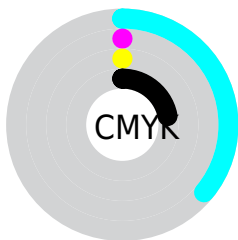
Distribution



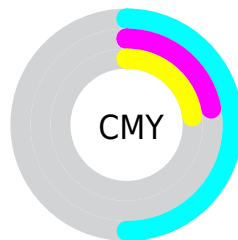
- Red (50%)
- Green (78%)
- Blue (77%)



- Red (50%)
- Yellow (64%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (50%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9314, 0.2634, 0.3302 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 48.9314, 0.2634, 0.3302 by changing the saturation by 10% instead.


 48.9314, 0.2634,
0.3302


 48.9314, 0.2634,
0.3302


382.4722, 0.2875,
0.3300

 34.5651, 0.2575,
0.3301


 88.5896, 0.2720,
0.3302

 23.3280, 0.2501,
0.3300


 114.6502, 0.2753,
0.3302

 14.8359, 0.2404,
0.3296


 145.3777, 0.2781,
0.3302

 8.7043, 0.2272,
0.3289

181.1564, 0.2805,
0.3301

 4.5488, 0.2083,
0.3274

222.3709, 0.2826,
0.3301

 1.9851, 0.1791,
0.3238

269.4054, 0.2845,

 0.5988, 0.0134,

0.3301

0.3439

322.6444, 0.2861,
0.3300

0.0000, 0.0000,
0.0000

48.9314, 0.2634,
0.3302

48.9314, 0.2634,
0.3302

47.5463, 0.2527,
0.3306

50.6191, 0.2757,
0.3298

46.4405, 0.2437,
0.3310

52.6199, 0.2893,
0.3295

45.5965, 0.2365,
0.3314

54.9505, 0.3039,
0.3292

44.9924, 0.2313,
0.3319

57.6250, 0.3192,
0.3289

44.6028, 0.2280,
0.3323

60.6567, 0.3349,
0.3286

■ 44.3961, 0.2263,
0.3327

■ 64.0581, 0.3508,
0.3284

■ 44.3376, 0.2258,
0.3329

■ 65.7643, 0.3580,
0.3282

■ 65.7769, 0.3577,
0.3279

■ 65.7895, 0.3575,
0.3276

Harmonies

Analogous

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



48.9314, 0.2868, 0.3604



48.9314, 0.2634, 0.3302



48.9314, 0.2530, 0.3016

Triad

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



48.9314, 0.2634, 0.3302



48.9314, 0.3049, 0.2829



48.9314, 0.3704, 0.3739

Complementary

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



48.9314, 0.2634, 0.3302



28.7577, 0.3966, 0.3280

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.



48.9314, 0.3764, 0.3513



48.9314, 0.2634, 0.3302



48.9314, 0.3375, 0.3003

Square

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



48.9314, 0.2634, 0.3302



48.9314, 0.2759, 0.2763



48.9314, 0.3642, 0.3247



48.9314, 0.3487, 0.3858

Rectangle

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



48.9314, 0.2634, 0.3302



48.9314, 0.2543, 0.2875



48.9314, 0.3642, 0.3247



48.9314, 0.3744, 0.3672

Sweetspot

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



48.9333, 0.2634, 0.3302



95.0381, 0.2960, 0.3293



46.5263, 0.3086, 0.4355



20.2223, 0.2940, 0.3294



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.



48.9333, 0.2634, 0.3302



84.6954, 0.2549, 0.3305



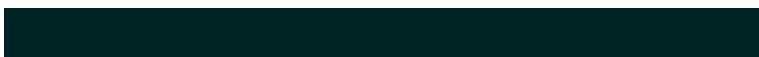
35.0396, 0.2560, 0.2787



12.0650, 0.2986, 0.3293



28.8375, 0.2258, 0.3328



1.3663, 0.2255, 0.3319

Inverse Universe

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



28.7577, 0.3966, 0.3280



43.7198, 0.4249, 0.3278



39.1483, 0.3816, 0.3742



10.6393, 0.3287, 0.3287



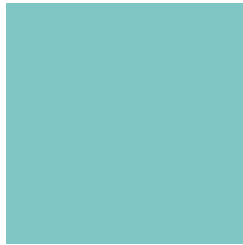
7.8126, 0.6384, 0.3290



0.3708, 0.6324, 0.3257

Previews

White Background



This preview shows how the Yxy color 48.9314, 0.2634, 0.3302 looks on a white background.

Color Contrast Check

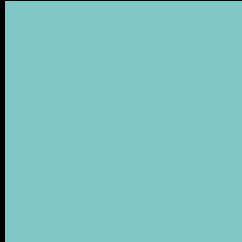
Large Text (above 18pt) WCAG AA × Fail

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 48.9314, 0.2634, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

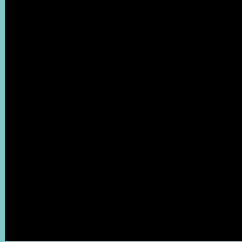
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

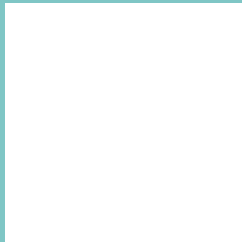
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9314, 0.2634, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 48.9314, 0.2634, 0.3302.



This preview shows how white text looks on a background with the Yxy color 48.9314, 0.2634, 0.3302.

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

48.9314, 0.2634, 0.3302

Protanopia

48.5199, 0.3113, 0.3226

Deuteranopia

48.5953, 0.3097, 0.3033



Tritanopia

49.0586, 0.2567, 0.3073

Trichromacy



Original Color

48.9314, 0.2634, 0.3302

Protanomaly

48.2003, 0.2915, 0.3250

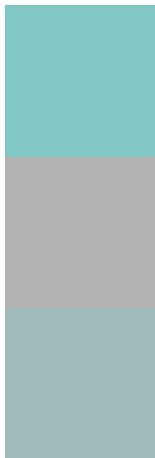
Deuteranomaly

48.3687, 0.2903, 0.3121

Tritanomaly

49.1833, 0.2592, 0.3153

Monochromacy



Original Color

48.9314, 0.2634, 0.3302

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.5295, 0.2924, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9314, 0.2634, 0.3302 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(127, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(127, 198, 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(127, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 198, 197) }
```

Border

The CSS property to change the border of an element to Yxy 48.9314, 0.2634, 0.3302 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(127, 198, 197) }
```

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

```
.border{ border-color:rgb(127, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(127, 198,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9314, 0.2634, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 198, 197) }
```

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

```
.background{ background-color: rgb(127,  
198, 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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