

Converting Colors

$Yxy(48.4812, 0.2796, 0.3329)$

Have a look what the booklet for
Yxy(48.4812, 0.2796, 0.3329)
contains.

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Color

Yxy(48.5482, 0.2794, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	93C2BF
RGB	147, 194, 191
RGB Percent	58%, 76%, 75%
CMY	0.4233, 0.2392, 0.2510
CMYK	0.24, 0.00, 0.02, 0.24
HSL	176°, 28%, 67%
HSV	176°, 24%, 76%
XYZ	40.7338, 48.5482, 56.5084
YIQ	179.6050, -27.0490, -10.8970

Conversions

Conversions Part 2

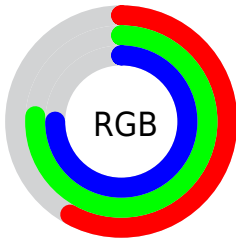
Format	Color
RYB	147, 171, 194
Decimal	9683647
CIELab	75.17, -16.00, -3.54
CIElCh	75, 16.386, 192.460
Yxy	48.5482, 0.2794, 0.3330
Android (android.graphics.Color)	4287873727 (0xFF93C2BF)
YUV	179.6050, 5.6177, -28.5946
Hunter-Lab	69.6765, -17.5805, 0.6888

Details

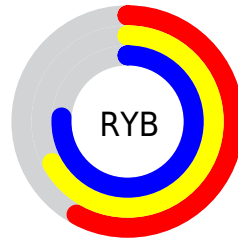
The Yxy color **48.5482, 0.2794, 0.3330** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.5553, 0.3594, 0.3251**, and the grayscale version is **45.4049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2663, 0.2855, 0.3331**, and **23.0240, 0.2700, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **46.8502, 0.2674, 0.3349**, and if you desaturate by 10%, it is **50.5530, 0.2926, 0.3313**.

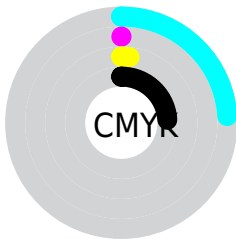
Distribution



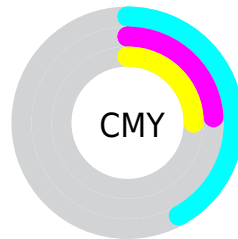
- Red (58%)
- Green (76%)
- Blue (75%)



- Red (58%)
- Yellow (67%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (42%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5482, 0.2794, 0.3330 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 48.5482, 0.2794, 0.3330 by changing the saturation by 10% instead.

 48.5482, 0.2794,
0.3330

 48.5482, 0.2794,
0.3330


380.9610, 0.2958,
0.3312

 34.2612, 0.2754,
0.3334


 88.0201, 0.2853,
0.3324

 23.0943, 0.2702,
0.3339


 113.9737, 0.2876,
0.3321

 14.6632, 0.2635,
0.3345


144.5851, 0.2895,
0.3319

 8.5833, 0.2542,
0.3352

180.2385, 0.2911,
0.3317

 4.4704, 0.2406,
0.3361

221.3184, 0.2925,
0.3316

 1.9400, 0.2189,
0.3369

268.2092, 0.2937,

 0.5723, 0.0961,

0.3314

0.3586

321.2953, 0.2948,
0.3313

0.0000, 0.0000,
0.0000

48.5482, 0.2794,
0.3330

48.5482, 0.2794,
0.3330

46.8502, 0.2674,
0.3349

50.5530, 0.2926,
0.3313

45.4381, 0.2568,
0.3369

52.8729, 0.3066,
0.3296

44.2972, 0.2479,
0.3389

55.5230, 0.3213,
0.3282

43.4094, 0.2407,
0.3410

58.5158, 0.3362,
0.3269

42.7545, 0.2355,
0.3432

61.8631, 0.3512,
0.3257

■ 42.3089, 0.2322,
0.3453

■ 63.9388, 0.3592,
0.3245

■ 42.0442, 0.2306,
0.3474

■ 63.9965, 0.3582,
0.3233

■ 41.9415, 0.2302,
0.3486

■ 64.0546, 0.3572,
0.3220

■ 64.1133, 0.3562,
0.3207

Harmonies

Analogous

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



48.5482, 0.2973, 0.3532



48.5482, 0.2794, 0.3330



48.5482, 0.2704, 0.3124

Triad

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



48.5482, 0.2794, 0.3330



48.5482, 0.3045, 0.2947



48.5482, 0.3547, 0.3594

Complementary

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



48.5482, 0.2794, 0.3330



34.5553, 0.3594, 0.3251

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.



48.5482, 0.3570, 0.3430



48.5482, 0.2794, 0.3330



48.5482, 0.3274, 0.3065

Square

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



48.5482, 0.2794, 0.3330



48.5482, 0.2844, 0.2913



48.5482, 0.3469, 0.3238



48.5482, 0.3408, 0.3684

Rectangle

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



48.5482, 0.2794, 0.3330



48.5482, 0.2704, 0.3016



48.5482, 0.3469, 0.3238



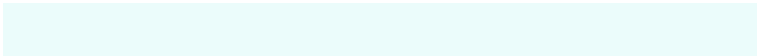
48.5482, 0.3569, 0.3546

Sweetspot

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



48.5502, 0.2794, 0.3330



94.5135, 0.3025, 0.3301



47.1905, 0.3120, 0.3961



20.6393, 0.3016, 0.3302



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.



48.5502, 0.2794, 0.3330



86.2789, 0.2729, 0.3340



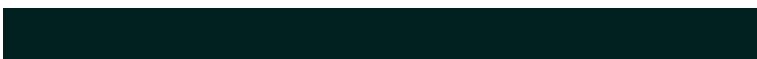
40.2403, 0.2751, 0.3004



11.4170, 0.2993, 0.3305



27.5816, 0.2301, 0.3484



1.1951, 0.2288, 0.3436

Inverse Universe

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



34.5553, 0.3594, 0.3251



56.5733, 0.3732, 0.3242



41.3583, 0.3564, 0.3560



10.0881, 0.3279, 0.3276



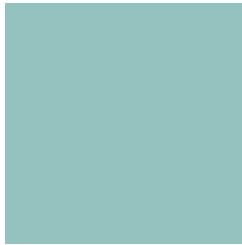
7.5633, 0.6322, 0.3256



0.3305, 0.6044, 0.3103

Previews

White Background



This preview shows how the Yxy color 48.5482, 0.2794, 0.3330 looks on a white background.

Color Contrast Check

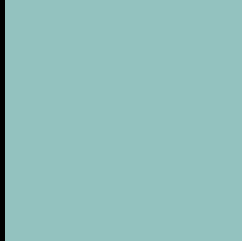
Large Text (above 18pt) WCAG AA × Fail

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 48.5482, 0.2794, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

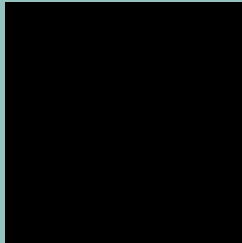
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

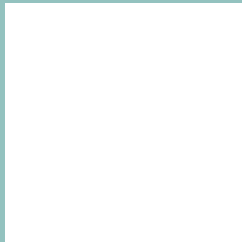
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5482, 0.2794, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 48.5482, 0.2794, 0.3330.

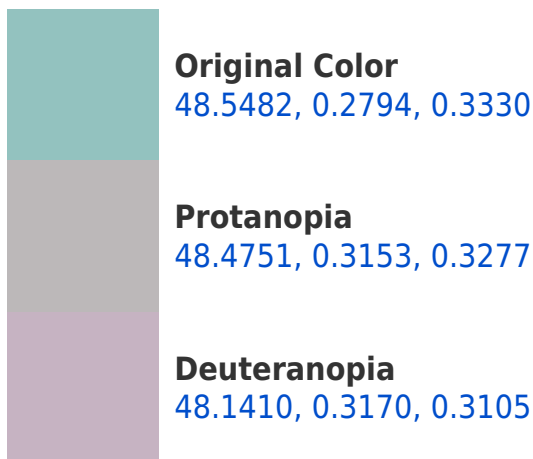


This preview shows how white text looks on a background with the Yxy color 48.5482, 0.2794, 0.3330.

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

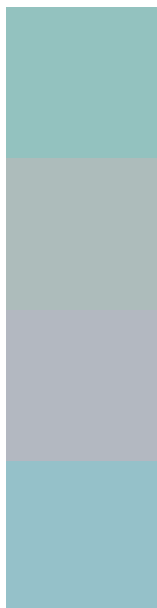




Tritanopia

48.6883, 0.2709, 0.3090

Trichromacy



Original Color

48.5482, 0.2794, 0.3330

Protanomaly

48.4385, 0.3013, 0.3303

Deuteranomaly

47.7149, 0.3017, 0.3174

Tritanomaly

48.7465, 0.2742, 0.3182

Monochromacy



Original Color

48.5482, 0.2794, 0.3330

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.4834, 0.2995, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5482, 0.2794, 0.3330 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(147, 194, 191)` looks like.

```
.text, #text, p{  
    color:rgb(147, 194, 191)  
}
```

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(147, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 194, 191) }
```

Border

The CSS property to change the border of an element to Yxy 48.5482, 0.2794, 0.3330 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(147, 194, 191) }
```

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

```
.border{ border-color:rgb(147, 194, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 194, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(147, 194,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5482, 0.2794, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 194, 191) }
```

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

```
.background{ background-color: rgb(147,  
194, 191) }
```

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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