

Converting Colors

$Yxy(48.2235, 0.2790, 0.3386)$

Have a look what the booklet for
Yxy(48.2235, 0.2790, 0.3386)
contains.

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Color

Yxy(48.0111, 0.2792, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	8FC2BB
RGB	143, 194, 187
RGB Percent	56%, 76%, 73%
CMY	0.4392, 0.2392, 0.2667
CMYK	0.26, 0.00, 0.04, 0.24
HSL	172°, 29%, 66%
HSV	172°, 26%, 76%
XYZ	39.5886, 48.0111, 54.1933
YIQ	177.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

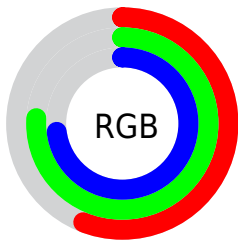
Format	Color
RYB	143, 170, 194
Decimal	9421499
CIELab	74.83, -18.11, -1.89
CIElCh	75, 18.210, 185.963
Yxy	48.0111, 0.2792, 0.3386
Android (android.graphics.Color)	4287611579 (0xFF8FC2BB)
YUV	177.9530, 4.4602, -30.6538
Hunter-Lab	69.2900, -19.2723, 2.1310

Details

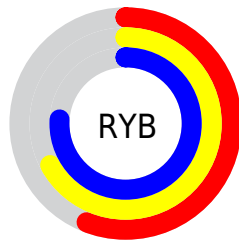
The Yxy color **48.0111, 0.2792, 0.3386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.3168, 0.3606, 0.3197**, and the grayscale version is **44.4825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4712, 0.2853, 0.3374**, and **22.7015, 0.2699, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **46.3157, 0.2682, 0.3428**, and if you desaturate by 10%, it is **50.0120, 0.2913, 0.3347**.

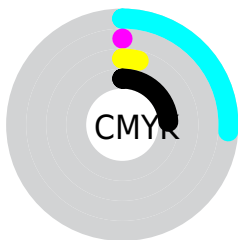
Distribution



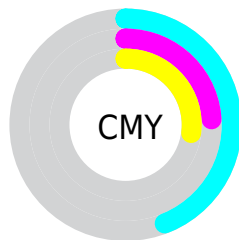
- Red (56%)
- Green (76%)
- Blue (73%)



- Red (56%)
- Yellow (67%)
- Blue (76%)



- Cyan (26%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)





- Cyan (44%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0111, 0.2792, 0.3386 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 48.0111, 0.2792, 0.3386 by changing the saturation by 10% instead.

 48.0111, 0.2792,
0.3386

 48.0111, 0.2792,
0.3386


378.8361, 0.2958,
0.3339

 33.8357, 0.2751,
0.3397

 87.2209, 0.2852,
0.3369

 22.7674, 0.2699,
0.3411


 113.0241, 0.2874,
0.3363

 14.4218, 0.2630,
0.3430


143.4720, 0.2894,
0.3358

 8.4146, 0.2535,
0.3455

178.9491, 0.2910,
0.3353

 4.3614, 0.2395,
0.3490

219.8396, 0.2924,
0.3349

 1.8777, 0.2170,
0.3544

266.5280, 0.2937,

 0.5349, 0.0504,

0.3345

0.4065

319.3987, 0.2948,
0.3342

0.0000, 0.0000,
0.0000

48.0111, 0.2792,
0.3386

48.0111, 0.2792,
0.3386

46.3157, 0.2682,
0.3428

50.0120, 0.2913,
0.3347

44.9044, 0.2585,
0.3472

52.3268, 0.3043,
0.3311

43.7624, 0.2505,
0.3519

54.9708, 0.3178,
0.3278

42.8712, 0.2443,
0.3566

57.9567, 0.3315,
0.3249

42.2098, 0.2400,
0.3614

61.2964, 0.3454,
0.3223

■ 41.7540, 0.2376,
0.3662

■ 64.1568, 0.3555,
0.3199

■ 41.4723, 0.2369,
0.3710

■ 64.2849, 0.3534,
0.3171

■ 41.3890, 0.2369,
0.3728

■ 64.4152, 0.3512,
0.3144

■ 64.5478, 0.3491,
0.3117

Harmonies

Analogous

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



48.0111, 0.3006, 0.3603



48.0111, 0.2792, 0.3386



48.0111, 0.2668, 0.3150

Triad

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



48.0111, 0.2792, 0.3386



48.0111, 0.2981, 0.2893



48.0111, 0.3613, 0.3593

Complementary

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



48.0111, 0.2792, 0.3386



33.3168, 0.3606, 0.3197

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.



48.0111, 0.3609, 0.3398



48.0111, 0.2792, 0.3386



48.0111, 0.3236, 0.3005

Square

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



48.0111, 0.2792, 0.3386



48.0111, 0.2774, 0.2877



48.0111, 0.3469, 0.3186



48.0111, 0.3483, 0.3718

Rectangle

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



48.0111, 0.2792, 0.3386



48.0111, 0.2651, 0.3018



48.0111, 0.3469, 0.3186



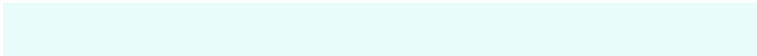
48.0111, 0.3628, 0.3533

Sweetspot

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



48.0131, 0.2792, 0.3386



93.9840, 0.3019, 0.3317



47.1147, 0.3153, 0.4020



20.4360, 0.2998, 0.3323



0.0000, 0.0000, 0.0000



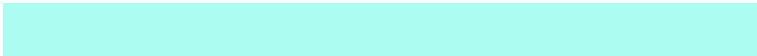
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.0131, 0.2792, 0.3386



85.0088, 0.2722, 0.3412



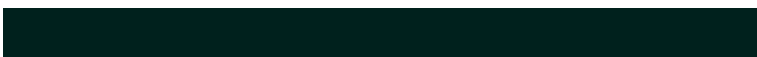
40.8454, 0.2724, 0.3038



11.4039, 0.3002, 0.3322



27.2196, 0.2367, 0.3721



1.1828, 0.2338, 0.3615

Inverse Universe

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



33.3168, 0.3606, 0.3197



53.5666, 0.3764, 0.3174



38.8908, 0.3623, 0.3529



10.0999, 0.3268, 0.3259



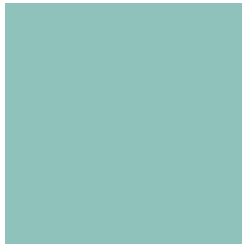
7.5989, 0.6201, 0.3190



0.3358, 0.5694, 0.2911

Previews

White Background



This preview shows how the Yxy color 48.0111, 0.2792, 0.3386 looks on a white background.

Color Contrast Check

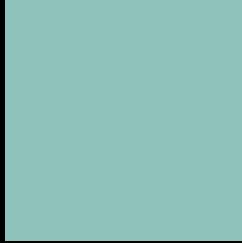
Large Text (above 18pt) WCAG AA × Fail

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 48.0111, 0.2792, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

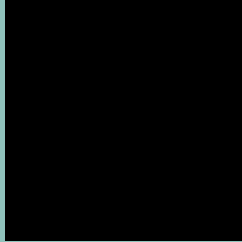
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0111, 0.2792, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 48.0111, 0.2792, 0.3386.

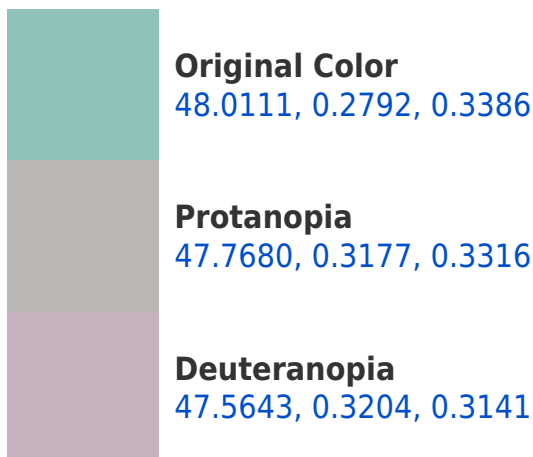


This preview shows how white text looks on a background with the Yxy color 48.0111, 0.2792, 0.3386.

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

47.9209, 0.2694, 0.3088

Trichromacy



Original Color

48.0111, 0.2792, 0.3386

Protanomaly

47.6175, 0.3027, 0.3343

Deuteranomaly

47.4201, 0.3039, 0.3225

Tritanomaly

47.9338, 0.2733, 0.3194

Monochromacy



Original Color

48.0111, 0.2792, 0.3386

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.6165, 0.2993, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0111, 0.2792, 0.3386 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(143, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(143, 194, 187)  
}
```

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(143, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 194, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.0111, 0.2792, 0.3386 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(143, 194, 187) }
```

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

```
.border{ border-color:rgb(143, 194, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 194, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 194, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 194, 187);  
box-shadow:4px 4px 4px 4px rgb(143, 194,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0111, 0.2792, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 194, 187) }
```

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

```
.background{ background-color: rgb(143,  
194, 187) }
```

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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