

Converting Colors

$Yxy(50.5767, 0.2766, 0.3316)$

Have a look what the booklet for
Yxy(50.5767, 0.2766, 0.3316)
contains.

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Color

Yxy(50.5767, 0.2766, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	93C6C4
RGB	147, 198, 196
RGB Percent	58%, 78%, 77%
CMY	0.4236, 0.2235, 0.2314
CMYK	0.26, 0.00, 0.01, 0.22
HSL	178°, 31%, 68%
HSV	178°, 26%, 78%
XYZ	42.1879, 50.5767, 59.7586
YIQ	182.5230, -29.7540, -11.4340

Conversions

Conversions Part 2

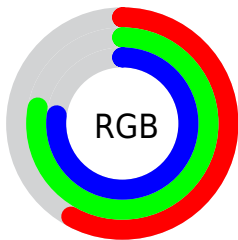
Format	Color
RYB	147, 173, 198
Decimal	9684676
CIELab	76.42, -16.97, -4.40
CIELCh	76, 17.526, 194.540
Yxy	50.5767, 0.2766, 0.3316
Android (android.graphics.Color)	4287874756 (0xFF93C6C4)
YUV	182.5230, 6.6442, -31.1537
Hunter-Lab	71.1173, -18.5662, -0.0382

Details

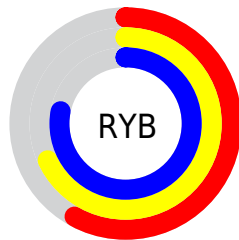
The Yxy color **50.5767, 0.2766, 0.3316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.0406, 0.3648, 0.3265**, and the grayscale version is **47.0539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1684, 0.2826, 0.3310**, and **24.3324, 0.2676, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **48.8677, 0.2645, 0.3328**, and if you desaturate by 10%, it is **52.6050, 0.2899, 0.3305**.

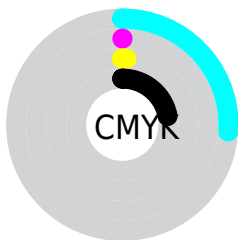
Distribution



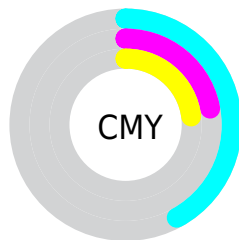
- Red (58%)
- Green (78%)
- Blue (77%)



- Red (58%)
- Yellow (68%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)




- Cyan (42%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5767, 0.2766, 0.3316 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 50.5767, 0.2766, 0.3316 by changing the saturation by 10% instead.


 50.5767, 0.2766,
0.3316

 50.5767, 0.2766,
0.3316


388.9169, 0.2943,
0.3305

 35.8718, 0.2723,
0.3318


 91.0288, 0.2829,
0.3313

 24.3352, 0.2669,
0.3320


 117.5447, 0.2853,
0.3311

 15.5825, 0.2598,
0.3323


148.7666, 0.2874,
0.3310

 9.2292, 0.2500,
0.3325

185.0786, 0.2891,
0.3309

 4.8910, 0.2360,
0.3325

226.8653, 0.2907,
0.3308

 2.1834, 0.2141,
0.3321

274.5109, 0.2920,

 0.7109, 0.1270,

0.3307

0.3453

328.4000, 0.2932,
0.3306

0.0000, 0.0000,
0.0000

50.5767, 0.2766,
0.3316

50.5767, 0.2766,
0.3316

48.8677, 0.2645,
0.3328

52.6050, 0.2899,
0.3305

47.4558, 0.2540,
0.3340

54.9615, 0.3042,
0.3295

46.3254, 0.2452,
0.3352

57.6622, 0.3191,
0.3286

45.4571, 0.2382,
0.3365

60.7204, 0.3344,
0.3278

44.8291, 0.2331,
0.3378

64.1485, 0.3499,
0.3271

■ 44.4160, 0.2299,
0.3391

■ 65.8537, 0.3565,
0.3264

■ 44.1862, 0.2284,
0.3404

■ 65.8905, 0.3559,
0.3256

■ 44.1176, 0.2280,
0.3409

■ 65.9275, 0.3553,
0.3248

■ 65.9647, 0.3547,
0.3239

Harmonies

Analogous

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



50.5767, 0.2949, 0.3533



50.5767, 0.2766, 0.3316



50.5767, 0.2679, 0.3101

Triad

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



50.5767, 0.2766, 0.3316



50.5767, 0.3056, 0.2935



50.5767, 0.3563, 0.3620

Complementary

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



50.5767, 0.2766, 0.3316



35.0406, 0.3648, 0.3265

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.



50.5767, 0.3597, 0.3450



50.5767, 0.2766, 0.3316



50.5767, 0.3298, 0.3064

Square

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



50.5767, 0.2766, 0.3316



50.5767, 0.2841, 0.2892



50.5767, 0.3499, 0.3249



50.5767, 0.3410, 0.3709

Rectangle

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



50.5767, 0.2766, 0.3316



50.5767, 0.2684, 0.2990



50.5767, 0.3499, 0.3249



50.5767, 0.3589, 0.3570

Sweetspot

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



50.5788, 0.2766, 0.3316



96.2824, 0.3007, 0.3298



48.9382, 0.3113, 0.4013



20.4684, 0.2985, 0.3299



0.0000, 0.0000, 0.0000



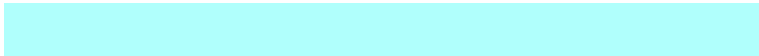
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5788, 0.2766, 0.3316



87.7649, 0.2696, 0.3323



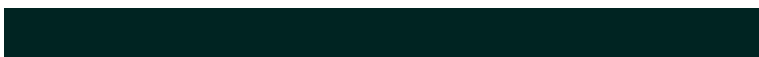
40.9585, 0.2724, 0.2971



12.0601, 0.2989, 0.3299



28.6915, 0.2280, 0.3407



1.3608, 0.2272, 0.3381

Inverse Universe

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



35.0406, 0.3648, 0.3265



55.5486, 0.3808, 0.3259



42.8426, 0.3596, 0.3589



10.6436, 0.3283, 0.3281



7.8218, 0.6352, 0.3273



0.3728, 0.6186, 0.3181

Previews

White Background



This preview shows how the Yxy color 50.5767, 0.2766, 0.3316 looks on a white background.

Color Contrast Check

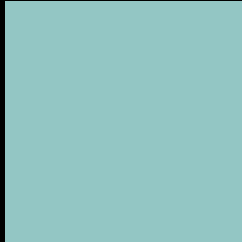
Large Text (above 18pt) WCAG AA × Fail

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 50.5767, 0.2766, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

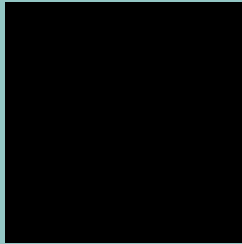
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

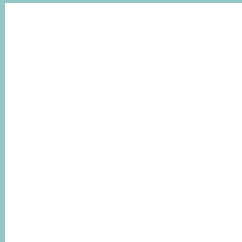
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5767, 0.2766, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 50.5767, 0.2766, 0.3316.

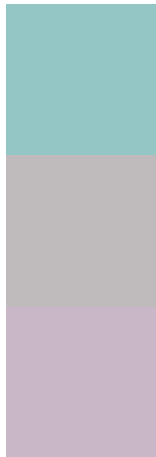


This preview shows how white text looks on a background with the Yxy color 50.5767, 0.2766, 0.3316.

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

50.5767, 0.2766, 0.3316

Protanopia

50.2911, 0.3145, 0.3265

Deuteranopia

49.9969, 0.3154, 0.3084



Tritanopia

50.6670, 0.2690, 0.3093

Trichromacy



Original Color

50.5767, 0.2766, 0.3316

Protanomaly

50.1813, 0.2992, 0.3277

Deuteranomaly

49.8674, 0.2996, 0.3163

Tritanomaly

50.7783, 0.2716, 0.3170

Monochromacy



Original Color

50.5767, 0.2766, 0.3316

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1433, 0.2982, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5767, 0.2766, 0.3316 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, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(147, 198, 196)  
}
```

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, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 198, 196) }
```

Border

The CSS property to change the border of an element to Yxy 50.5767, 0.2766, 0.3316 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, 198, 196) }
```

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

```
.border{ border-color:rgb(147, 198, 196) }
```

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

Here you see how a box with a 4 pixel rgb(147, 198, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(147, 198,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5767, 0.2766, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 198, 196) }
```

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

```
.background{ background-color: rgb(147,  
198, 196) }
```

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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