

Converting Colors

$Yxy(50.4823, 0.2832, 0.3429)$

Have a look what the booklet for
Yxy(50.4823, 0.2832, 0.3429)
contains.

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Color

Yxy(50.4086, 0.2831, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	95C6BC
RGB	149, 198, 188
RGB Percent	58%, 78%, 74%
CMY	0.4156, 0.2235, 0.2628
CMYK	0.25, 0.00, 0.05, 0.22
HSL	168°, 30%, 68%
HSV	168°, 25%, 78%
XYZ	41.6662, 50.4086, 55.1036
YIQ	182.2090, -25.9940, -13.4980

Conversions

Conversions Part 2

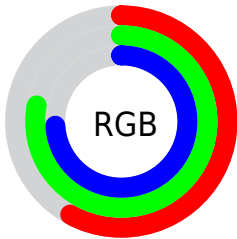
Format	Color
RYB	149, 176, 198
Decimal	9815740
CIELab	76.32, -18.10, -0.21
CIELCh	76, 18.103, 180.664
Yxy	50.4086, 0.2831, 0.3425
Android (android.graphics.Color)	4288005820 (0xFF95C6BC)
YUV	182.2090, 2.8550, -29.1243
Hunter-Lab	70.9990, -19.4945, 3.6833

Details

The Yxy color **50.4086, 0.2831, 0.3425** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0098, 0.3537, 0.3160**, and the grayscale version is **46.8957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8890, 0.2884, 0.3405**, and **24.2372, 0.2750, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **48.5315, 0.2726, 0.3488**, and if you desaturate by 10%, it is **52.6113, 0.2946, 0.3367**.

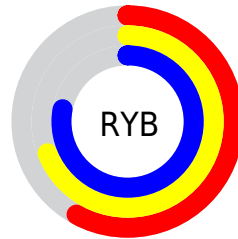
Distribution



Red (58%)

Green (78%)

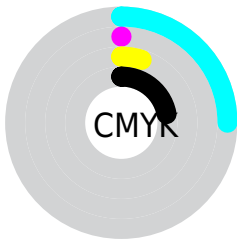
Blue (74%)



Red (58%)

Yellow (69%)

Blue (78%)

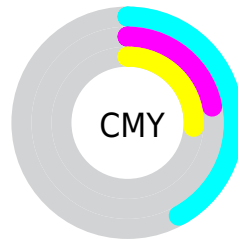


Cyan (25%)

Magenta (0%)

Yellow (5%)

Black (22%)



Cyan (42%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4086, 0.2831, 0.3425 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 50.4086, 0.2831, 0.3425 by changing the saturation by 10% instead.


 50.4086, 0.2831,
0.3425


 50.4086, 0.2831,
0.3425


388.2617, 0.2977,
0.3359

 35.7382, 0.2795,
0.3441


 90.7800, 0.2883,
0.3401

 24.2320, 0.2750,
0.3462


 117.2497, 0.2903,
0.3392

 15.5058, 0.2690,
0.3489


148.4214, 0.2920,
0.3384

 9.1752, 0.2608,
0.3526

184.6793, 0.2935,
0.3378

 4.8556, 0.2487,
0.3581

226.4079, 0.2947,
0.3372

 2.1628, 0.2295,
0.3667

273.9915, 0.2958,

 0.6996, 0.1313,

0.3367

0.4118

327.8147, 0.2968,
0.3363

0.0000, 0.0000,
0.0000

50.4086, 0.2831,
0.3425

50.4086, 0.2831,
0.3425

48.5315, 0.2726,
0.3488

52.6113, 0.2946,
0.3367

46.9579, 0.2633,
0.3555

55.1484, 0.3068,
0.3314

45.6722, 0.2556,
0.3625

58.0358, 0.3194,
0.3265

44.6554, 0.2496,
0.3698

61.2868, 0.3322,
0.3222

43.8857, 0.2455,
0.3772

64.9139, 0.3449,
0.3184

■ 43.3383, 0.2433,
0.3847

■ 66.4167, 0.3473,
0.3145

■ 42.9827, 0.2430,
0.3921

■ 66.6239, 0.3442,
0.3104

■ 42.8418, 0.2433,
0.3960

■ 66.8362, 0.3410,
0.3063

■ 67.0538, 0.3379,
0.3023

Harmonies

Analogous

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



50.4086, 0.3052, 0.3625



50.4086, 0.2831, 0.3425



50.4086, 0.2692, 0.3192

Triad

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



50.4086, 0.2831, 0.3425



50.4086, 0.2944, 0.2891



50.4086, 0.3612, 0.3557

Complementary

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



50.4086, 0.2831, 0.3425



36.0098, 0.3537, 0.3160

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.



50.4086, 0.3583, 0.3360



50.4086, 0.2831, 0.3425



50.4086, 0.3189, 0.2986

Square

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



50.4086, 0.2831, 0.3425



50.4086, 0.2754, 0.2893



50.4086, 0.3426, 0.3154



50.4086, 0.3506, 0.3694

Rectangle

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



50.4086, 0.2831, 0.3425



50.4086, 0.2660, 0.3056



50.4086, 0.3426, 0.3154



50.4086, 0.3618, 0.3495

Sweetspot

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



50.4107, 0.2831, 0.3425



96.5376, 0.3039, 0.3326



49.9951, 0.3178, 0.3967



20.6022, 0.3031, 0.3329



0.0000, 0.0000, 0.0000



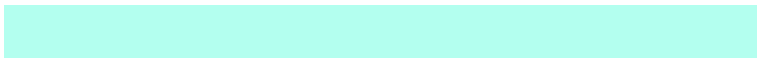
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4107, 0.2831, 0.3425



87.2977, 0.2770, 0.3460



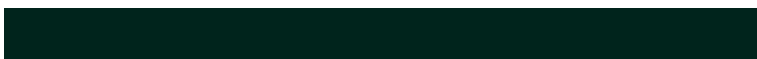
44.8002, 0.2751, 0.3100



12.0290, 0.3011, 0.3338



27.8729, 0.2431, 0.3950



1.3294, 0.2388, 0.3796

Inverse Universe

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



36.0098, 0.3537, 0.3160



57.2014, 0.3665, 0.3128



40.3334, 0.3598, 0.3473



10.6718, 0.3258, 0.3243



7.9195, 0.6043, 0.3103



0.3857, 0.5459, 0.2781

Previews

White Background



This preview shows how the Yxy color 50.4086, 0.2831, 0.3425 looks on a white background.

Color Contrast Check

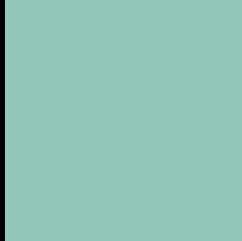
Large Text (above 18pt) WCAG AA × Fail

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 50.4086, 0.2831, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

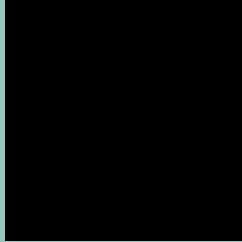
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

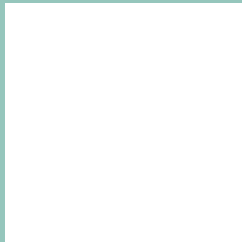
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4086, 0.2831, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 50.4086, 0.2831, 0.3425.



This preview shows how white text looks on a background with the Yxy color 50.4086, 0.2831, 0.3425.

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

50.4086, 0.2831, 0.3425

Protanopia

50.1245, 0.3208, 0.3353

Deuteranopia

50.0549, 0.3243, 0.3181



Tritanopia

50.5534, 0.2722, 0.3094

Trichromacy



Original Color

50.4086, 0.2831, 0.3425

Protanomaly

49.9524, 0.3058, 0.3381

Deuteranomaly

49.8745, 0.3079, 0.3264

Tritanomaly

50.4195, 0.2759, 0.3210

Monochromacy



Original Color

50.4086, 0.2831, 0.3425

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.9732, 0.3011, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4086, 0.2831, 0.3425 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(149, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 188)  
}
```

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(149, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 188) }
```

Border

The CSS property to change the border of an element to Yxy 50.4086, 0.2831, 0.3425 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(149, 198, 188) }
```

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

```
.border{ border-color:rgb(149, 198, 188) }
```

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

Here you see how a box with a 4 pixel rgb(149, 198, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 188);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4086, 0.2831, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 188) }
```

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

```
.background{ background-color: rgb(149,  
198, 188) }
```

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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