

Converting Colors

$Yxy(50.1372, 0.2785, 0.3360)$

Have a look what the booklet for
Yxy(50.1372, 0.2785, 0.3360)
contains.

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Color

Yxy(50.3049, 0.2785, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	92C6C0
RGB	146, 198, 192
RGB Percent	57%, 78%, 75%
CMY	0.4272, 0.2236, 0.2470
CMYK	0.26, 0.00, 0.03, 0.22
HSL	173°, 31%, 67%
HSV	173°, 26%, 78%
XYZ	41.5724, 50.3049, 57.3954
YIQ	181.7680, -29.0660, -12.8900

Conversions

Conversions Part 2

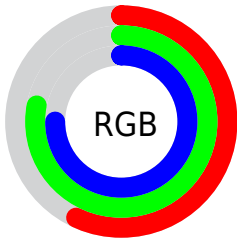
Format	Color
R_{YB}	146, 174, 198
Decimal	9619136
CIE _{Lab}	76.26, -18.11, -2.50
CIE _{LCh}	76, 18.285, 187.853
Yxy	50.3049, 0.2785, 0.3370
Android (android.graphics.Color)	4287809216 (0xFF92C6C0)
YUV	181.7680, 5.0444, -31.3685
Hunter-Lab	70.9259, -19.4946, 1.6690

Details

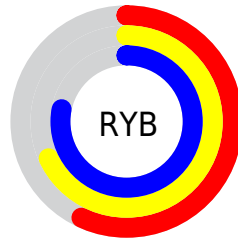
The Yxy color `50.3049, 0.2785, 0.3370` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `34.8517, 0.3618, 0.3213`, and the grayscale version is `46.6387, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.7148, 0.2846, 0.3363`, and `24.1903, 0.2691, 0.3382` is the 20% darker color. If you saturate the color by 10%, you get `48.5456, 0.2672, 0.3405`, and if you desaturate by 10%, it is `52.3842, 0.2909, 0.3337`.

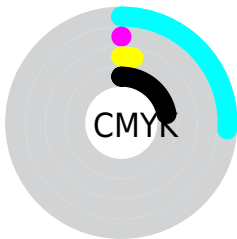
Distribution



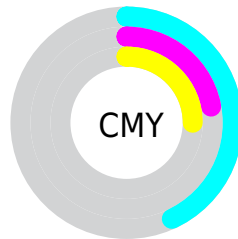
- Red (57%)
- Green (78%)
- Blue (75%)



- Red (57%)
- Yellow (68%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)





- Cyan (43%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3049, 0.2785, 0.3370 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 50.3049, 0.2785, 0.3370 by changing the saturation by 10% instead.

 50.3049, 0.2785,
0.3370


 50.3049, 0.2785,
0.3370


387.8571, 0.2953,
0.3332

 35.6557, 0.2744,
0.3379


 90.6265, 0.2845,
0.3357

 24.1684, 0.2692,
0.3390


 117.0676, 0.2868,
0.3351

 15.4586, 0.2624,
0.3404


148.2083, 0.2888,
0.3347

 9.1419, 0.2530,
0.3423

184.4328, 0.2904,
0.3343

 4.8338, 0.2395,
0.3450

226.1255, 0.2919,
0.3340

 2.1501, 0.2181,
0.3487

273.6709, 0.2932,

 0.6926, 0.1176,

0.3337

0.3769

327.4533, 0.2943,
0.3334

0.0000, 0.0000,
0.0000

50.3049, 0.2785,
0.3370

50.3049, 0.2785,
0.3370

48.5456, 0.2672,
0.3405

52.3842, 0.2909,
0.3337

47.0838, 0.2574,
0.3442

54.7922, 0.3042,
0.3307

45.9041, 0.2492,
0.3480


57.5452, 0.3180,
0.3280

44.9868, 0.2428,
0.3520

60.6564, 0.3321,
0.3255


44.3101, 0.2383,
0.3560


64.1383, 0.3463,
0.3234

 43.8482, 0.2358,
0.3599


 66.0842, 0.3525,
0.3212

 43.5687, 0.2349,
0.3639

 66.1955, 0.3507,
0.3189

 43.4865, 0.2348,
0.3654

 66.3085, 0.3489,
0.3165

 66.4230, 0.3471,
0.3142

Harmonies

Analogous

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



50.3049, 0.2992, 0.3588



50.3049, 0.2785, 0.3370



50.3049, 0.2670, 0.3138

Triad

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



50.3049, 0.2785, 0.3370



50.3049, 0.2998, 0.2902



50.3049, 0.3603, 0.3600

Complementary

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



50.3049, 0.2785, 0.3370



34.8517, 0.3618, 0.3213

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.



50.3049, 0.3608, 0.3411



50.3049, 0.2785, 0.3370



50.3049, 0.3251, 0.3018

Square

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



50.3049, 0.2785, 0.3370



50.3049, 0.2788, 0.2879



50.3049, 0.3477, 0.3200



50.3049, 0.3467, 0.3717

Rectangle

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



50.3049, 0.2785, 0.3370



50.3049, 0.2657, 0.3011



50.3049, 0.3477, 0.3200



50.3049, 0.3620, 0.3543

Sweetspot

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



50.3069, 0.2785, 0.3370



96.1839, 0.3016, 0.3313



49.1483, 0.3139, 0.4022



20.4433, 0.2995, 0.3317



0.0000, 0.0000, 0.0000



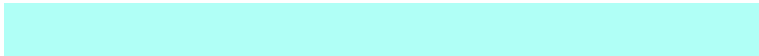
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3069, 0.2785, 0.3370



87.3921, 0.2724, 0.3388



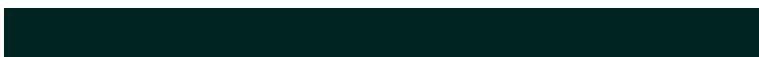
42.0692, 0.2722, 0.3014



12.0457, 0.2999, 0.3317



28.2919, 0.2347, 0.3648



1.3457, 0.2324, 0.3566

Inverse Universe

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



34.8517, 0.3618, 0.3213



55.7958, 0.3753, 0.3196



41.3438, 0.3617, 0.3551



10.6565, 0.3272, 0.3264



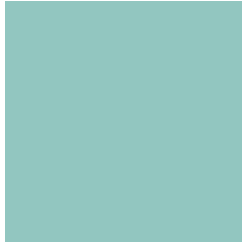
7.8539, 0.6246, 0.3215



0.3787, 0.5822, 0.2981

Previews

White Background



This preview shows how the Yxy color 50.3049, 0.2785, 0.3370 looks on a white background.

Color Contrast Check

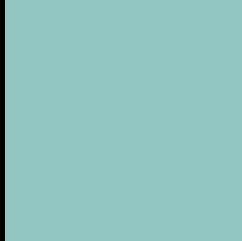
Large Text (above 18pt) WCAG AA × Fail

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 50.3049, 0.2785, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

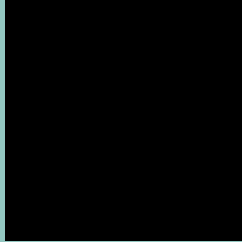
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

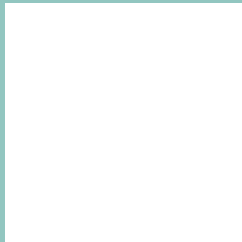
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3049, 0.2785, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 50.3049, 0.2785, 0.3370.



This preview shows how white text looks on a background with the Yxy color 50.3049, 0.2785, 0.3370.

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

50.3049, 0.2785, 0.3370

Protanopia

50.1198, 0.3176, 0.3315

Deuteranopia

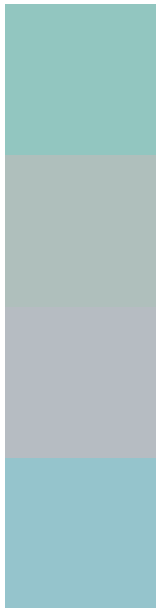
49.9526, 0.3194, 0.3132



Tritanopia

50.2174, 0.2689, 0.3079

Trichromacy



Original Color

50.3049, 0.2785, 0.3370

Protanomaly

50.0064, 0.3021, 0.3329

Deuteranomaly

49.8066, 0.3033, 0.3213

Tritanomaly

50.2290, 0.2727, 0.3183

Monochromacy



Original Color

50.3049, 0.2785, 0.3370

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.9466, 0.2988, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3049, 0.2785, 0.3370 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(146, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(146, 198, 192)  
}
```

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(146, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 198, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.3049, 0.2785, 0.3370 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(146, 198, 192) }
```

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

```
.border{ border-color:rgb(146, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(146, 198,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3049, 0.2785, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 198, 192) }
```

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

```
.background{ background-color: rgb(146,  
198, 192) }
```

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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