

Converting Colors

$Y_{xy}(50.0185, 0.2769, 0.3095)$

Have a look what the booklet for
Yxy(50.0185, 0.2769, 0.3095)
contains.

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Color

Yxy(50.0649, 0.2766, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	9FC1D0
RGB	159, 193, 208
RGB Percent	62%, 76%, 82%
CMY	0.3764, 0.2431, 0.1842
CMYK	0.24, 0.07, 0.00, 0.18
HSL	198°, 34%, 72%
HSV	198°, 24%, 82%
XYZ	44.7574, 50.0649, 66.9905
YIQ	184.5440, -25.0790, -2.5430

Conversions

Conversions Part 2

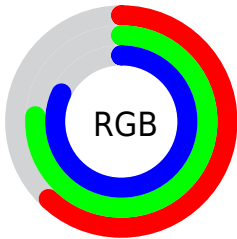
Format	Color
RYB	159, 179, 208
Decimal	10469840
CIELab	76.11, -8.03, -11.30
CIElCh	76, 13.856, 234.605
Yxy	50.0649, 0.2766, 0.3094
Android (android.graphics.Color)	4288659920 (0xFF9FC1D0)
YUV	184.5440, 11.5638, -22.4021
Hunter-Lab	70.7566, -10.9128, -6.6047

Details

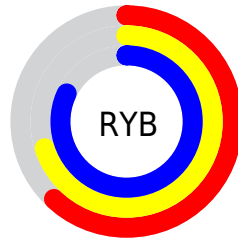
The Yxy color **50.0649, 0.2766, 0.3094** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.2043, 0.3569, 0.3478**, and the grayscale version is **48.1977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2675, 0.2880, 0.3228**, and **23.8625, 0.2661, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **45.3569, 0.2617, 0.2998**, and if you desaturate by 10%, it is **55.2564, 0.2919, 0.3183**.

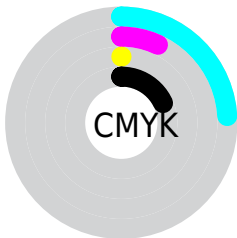
Distribution



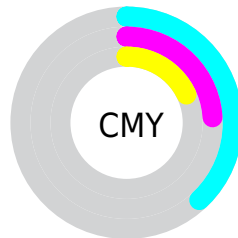
- Red (62%)
- Green (76%)
- Blue (82%)



- Red (62%)
- Yellow (70%)
- Blue (82%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0649, 0.2766, 0.3094 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 50.0649, 0.2766, 0.3094 by changing the saturation by 10% instead.

■ 50.0649, 0.2766,
0.3094

■ 50.0649, 0.2766,
0.3094

■ 386.9197, 0.2942,
0.3193

■ 35.4650, 0.2723,
0.3069

■ 90.2710, 0.2829,
0.3130

■ 24.0213, 0.2669,
0.3038

■ 116.6460, 0.2853,
0.3143

■ 15.3494, 0.2599,
0.2995

■ 147.7148, 0.2873,
0.3155

■ 9.0650, 0.2502,
0.2936

■ 183.8618, 0.2891,
0.3164

■ 4.7836, 0.2364,
0.2849

■ 225.4714, 0.2906,
0.3173

■ 2.1208, 0.2150,
0.2706

■ 272.9280, 0.2920,

■ 0.6763, 0.1616,

0.3180

0.2446

326.6159, 0.2932,
0.3187

0.0000, 0.0000,
0.0000

50.0649, 0.2766,
0.3094

50.0649, 0.2766,
0.3094

45.3569, 0.2617,
0.2998

55.2564, 0.2919,
0.3183

41.1069, 0.2475,
0.2894

60.9436, 0.3073,
0.3263

37.2960, 0.2344,
0.2785

67.1454, 0.3225,
0.3336

33.9012, 0.2227,
0.2671

73.8780, 0.3373,
0.3401

30.8968, 0.2128,
0.2555

79.6020, 0.3458,
0.3461

■ 28.2536, 0.2048,
0.2438

■ 83.1123, 0.3446,
0.3524

■ 25.9364, 0.1989,
0.2323

■ 86.7527, 0.3435,
0.3586

■ 24.5772, 0.1958,
0.2249

■ 90.5245, 0.3424,
0.3647

■ 94.4291, 0.3413,
0.3708

Harmonies

Analogous

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



50.0649, 0.2806, 0.3252



50.0649, 0.2766, 0.3094



50.0649, 0.2819, 0.2995

Triad

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



50.0649, 0.2766, 0.3094



50.0649, 0.3323, 0.3156



50.0649, 0.3297, 0.3624

Complementary

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



50.0649, 0.2766, 0.3094



46.2043, 0.3569, 0.3478

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.



50.0649, 0.3442, 0.3586



50.0649, 0.2766, 0.3094



50.0649, 0.3458, 0.3313

Square

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



50.0649, 0.2766, 0.3094



50.0649, 0.3137, 0.3034



50.0649, 0.3502, 0.3470



50.0649, 0.3109, 0.3567

Rectangle

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



50.0649, 0.2766, 0.3094



50.0649, 0.2900, 0.2972



50.0649, 0.3502, 0.3470



50.0649, 0.3352, 0.3622

Sweetspot

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



50.0669, 0.2766, 0.3094



93.3286, 0.3019, 0.3236



55.5390, 0.2999, 0.3745



19.8571, 0.3009, 0.3231



0.0000, 0.0000, 0.0000



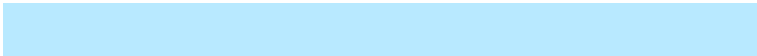
21.4041, 0.3127, 0.3290

Same Dimension

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



50.0669, 0.2766, 0.3094



75.7022, 0.2694, 0.3049



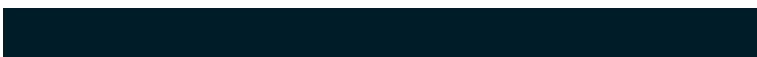
40.2367, 0.2740, 0.2767



12.7699, 0.2983, 0.3217



15.4927, 0.1963, 0.2265



1.0032, 0.2021, 0.2476

Inverse Universe

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



42.0658, 0.3287, 0.2878



61.2646, 0.3328, 0.2792



56.4050, 0.3505, 0.3764



11.9448, 0.3184, 0.3130



9.6353, 0.4163, 0.2067



0.5526, 0.3947, 0.1948

Previews

White Background



This preview shows how the Yxy color 50.0649, 0.2766, 0.3094 looks on a white background.

Color Contrast Check

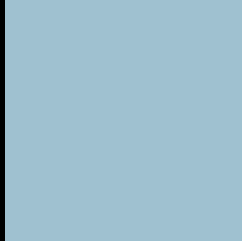
Large Text (above 18pt) WCAG AA × Fail

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 50.0649, 0.2766, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

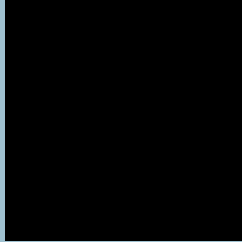
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0649, 0.2766, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 50.0649, 0.2766, 0.3094.



This preview shows how white text looks on a background with the Yxy color 50.0649, 0.2766, 0.3094.

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

50.0649, 0.2766, 0.3094

Protanopia

49.9165, 0.2992, 0.3066

Deuteranopia

49.7111, 0.3019, 0.2951



Tritanopia

50.0649, 0.2766, 0.3094

Trichromacy



Original Color

50.0649, 0.2766, 0.3094

Protanomaly

50.0331, 0.2907, 0.3087

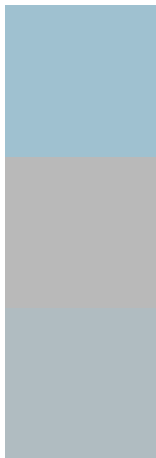
Deuteranomaly

49.6663, 0.2924, 0.3003

Tritanomaly

50.0649, 0.2766, 0.3094

Monochromacy



Original Color

50.0649, 0.2766, 0.3094

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0468, 0.2993, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0649, 0.2766, 0.3094 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(159, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(159, 193, 208)  
}
```

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(159, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 193, 208) }
```

Border

The CSS property to change the border of an element to Yxy 50.0649, 0.2766, 0.3094 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(159, 193, 208) }
```

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

```
.border{ border-color:rgb(159, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(159, 193,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0649, 0.2766, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 193, 208) }
```

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

```
.background{ background-color: rgb(159,  
193, 208) }
```

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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