

Converting Colors

Yxy(50.7134, 0.2684, 0.2982)

Have a look what the booklet for
Yxy(50.7134, 0.2684, 0.2982)
contains.

Yxy(50.7134, 0.2684, 0.2982)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7134, 0.2684, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	9CC2DA
RGB	156, 194, 218
RGB Percent	61%, 76%, 85%
CMY	0.3885, 0.2391, 0.1451
CMYK	0.28, 0.11, 0.00, 0.15
HSL	203°, 46%, 73%
HSV	203°, 28%, 85%
XYZ	45.6455, 50.7134, 73.7062
YIQ	185.3740, -30.3520, -0.5920

Conversions

Conversions Part 2

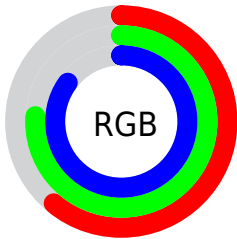
Format	Color
R _Y B	156, 180, 218
Decimal	10273498
CIE Lab	76.51, -7.18, -16.12
CIE LCh	77, 17.642, 245.997
Yxy	50.7134, 0.2684, 0.2982
Android (android.graphics.Color)	4288463578 (0xFF9CC2DA)
YUV	185.3740, 16.0846, -25.7610
Hunter-Lab	71.2133, -10.2106, -11.5161

Details

The Yxy color **50.7134, 0.2684, 0.2982** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.9044, 0.3672, 0.3578**, and the grayscale version is **48.6499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5883, 0.2869, 0.3238**, and **24.2841, 0.2567, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **45.0907, 0.2531, 0.2854**, and if you desaturate by 10%, it is **56.9427, 0.2841, 0.3100**.

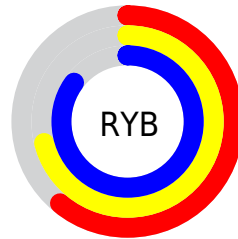
Distribution



Red (61%)

Green (76%)

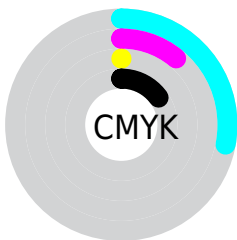
Blue (85%)



Red (61%)

Yellow (71%)

Blue (85%)

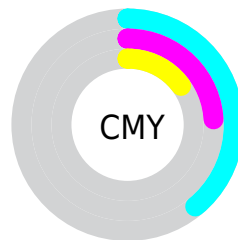


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (39%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7134, 0.2684, 0.2982 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 50.7134, 0.2684, 0.2982 by changing the saturation by 10% instead.

■ 50.7134, 0.2684,
0.2982

■ 50.7134, 0.2684,
0.2982

■ 389.4493, 0.2899,
0.3135

■ 35.9806, 0.2632,
0.2944

■ 91.2310, 0.2761,
0.3037

■ 24.4192, 0.2567,
0.2896

■ 117.7845, 0.2790,
0.3058

■ 15.6449, 0.2483,
0.2832

■ 149.0471, 0.2815,
0.3076

■ 9.2732, 0.2369,
0.2745

■ 185.4031, 0.2836,
0.3091

■ 4.9198, 0.2207,
0.2618

■ 227.2369, 0.2855,
0.3104

■ 2.2003, 0.1963,
0.2418

■ 274.9330, 0.2872,

■ 0.7202, 0.1462,

0.3116

0.2067

328.8756, 0.2886,
0.3126

0.0000, 0.0000,
0.0000

50.7134, 0.2684,
0.2982

50.7134, 0.2684,
0.2982

45.0907, 0.2531,
0.2854

56.9427, 0.2841,
0.3100

40.0442, 0.2384,
0.2717

63.7952, 0.2997,
0.3207

35.5495, 0.2248,
0.2573

71.2944, 0.3150,
0.3304

31.5775, 0.2128,
0.2424

79.4605, 0.3299,
0.3390

28.0957, 0.2026,
0.2274

86.3813, 0.3372,
0.3471

■ 25.0662, 0.1946,
0.2125

■ 91.3479, 0.3360,
0.3552

■ 22.4343, 0.1886,
0.1979

■ 96.5461, 0.3348,
0.3632

■ 22.0552, 0.1877,
0.1957

■ 97.8415, 0.3346,
0.3651

Harmonies

Analogous

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



50.7134, 0.2690, 0.3157



50.7134, 0.2684, 0.2982



50.7134, 0.2791, 0.2896

Triad

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



50.7134, 0.2684, 0.2982



50.7134, 0.3452, 0.3192



50.7134, 0.3253, 0.3704

Complementary

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



50.7134, 0.2684, 0.2982



49.9044, 0.3672, 0.3578

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.



50.7134, 0.3465, 0.3697



50.7134, 0.2684, 0.2982



50.7134, 0.3585, 0.3394

Square

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



50.7134, 0.2684, 0.2982



50.7134, 0.3231, 0.3018



50.7134, 0.3589, 0.3579



50.7134, 0.3012, 0.3587

Rectangle

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



50.7134, 0.2684, 0.2982



50.7134, 0.2915, 0.2895



50.7134, 0.3589, 0.3579



50.7134, 0.3330, 0.3715

Sweetspot

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



50.7154, 0.2684, 0.2982



90.3784, 0.2987, 0.3201



60.4834, 0.2942, 0.3788



19.0271, 0.2965, 0.3186



0.0000, 0.0000, 0.0000



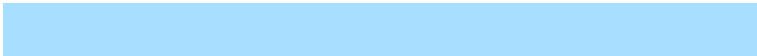
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7154, 0.2684, 0.2982



67.5621, 0.2594, 0.2909



38.3773, 0.2641, 0.2567



13.9410, 0.2982, 0.3198



13.4288, 0.1883, 0.1979



1.0351, 0.1949, 0.2216

Inverse Universe

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



42.5535, 0.3376, 0.2843



54.6240, 0.3442, 0.2748



63.7672, 0.3576, 0.3922



13.1852, 0.3196, 0.3147



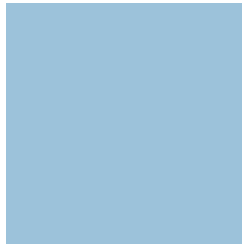
9.9794, 0.4477, 0.2240



0.6632, 0.4216, 0.2096

Previews

White Background



This preview shows how the Yxy color 50.7134, 0.2684, 0.2982 looks on a white background.

Color Contrast Check

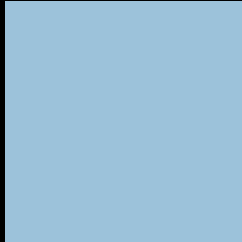
Large Text (above 18pt) WCAG AA × Fail

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 50.7134, 0.2684, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

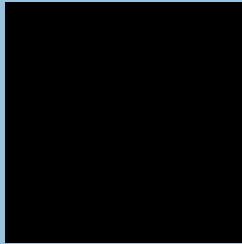
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

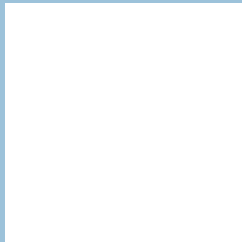
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7134, 0.2684, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 50.7134, 0.2684, 0.2982.



This preview shows how white text looks on a background with the Yxy color 50.7134, 0.2684, 0.2982.

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

50.7134, 0.2684, 0.2982

Protanopia

50.5351, 0.2912, 0.2970

Deuteranopia

50.5247, 0.2915, 0.2857



Tritanopia

50.6034, 0.2715, 0.3081

Trichromacy



Original Color

50.7134, 0.2684, 0.2982

Protanomaly

50.7319, 0.2825, 0.2977

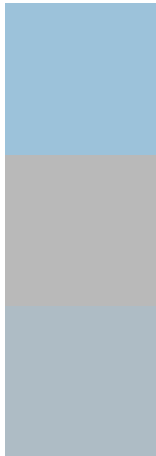
Deuteranomaly

50.5459, 0.2826, 0.2907

Tritanomaly

50.8538, 0.2704, 0.3044

Monochromacy



Original Color

50.7134, 0.2684, 0.2982

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.9963, 0.2948, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7134, 0.2684, 0.2982 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(156, 194, 218)` looks like.

```
.text, #text, p{  
    color:rgb(156, 194, 218)  
}
```

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(156, 194, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 194, 218) }
```

Border

The CSS property to change the border of an element to Yxy 50.7134, 0.2684, 0.2982 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(156, 194, 218) }
```

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

```
.border{ border-color:rgb(156, 194, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 194, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 194, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 194, 218);  
box-shadow:4px 4px 4px 4px rgb(156, 194,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7134, 0.2684, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 194, 218) }
```

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

```
.background{ background-color: rgb(156,  
194, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor