

# Converting Colors

$Yxy(61.0638, 0.2511, 0.2955)$

Have a look what the booklet for  
Yxy(61.0638, 0.2511, 0.2955)  
contains.

<b>Yxy(60.9116, 0.2508, 0.2949)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(60.9116, 0.2508, 0.2949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FD7F3
RGB	143, 215, 243
RGB Percent	56%, 84%, 95%
CMY	0.4394, 0.1568, 0.0470
CMYK	0.41, 0.12, 0.00, 0.05
HSL	197°, 81%, 76%
HSV	197°, 41%, 95%
XYZ	51.8027, 60.9116, 93.8357
YIQ	196.6640, -51.9000, -6.5560

# Conversions

## Conversions Part 2

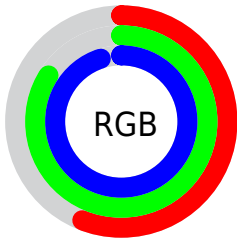
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	143, 185, 243
Decimal	9426931
CIE Lab	82.33, -15.42, -20.79
CIE LCh	82, 25.885, 233.435
Yxy	60.9116, 0.2508, 0.2949
Android (android.graphics.Color)	4287617011 (0xFF8FD7F3)
YUV	196.6640, 22.8436, -47.0633
Hunter-Lab	78.0459, -18.1014, -16.6531

# Details

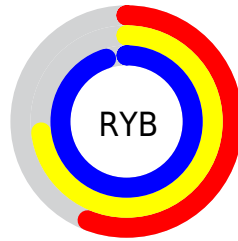
The Yxy color **60.9116, 0.2508, 0.2949** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.1564, 0.4054, 0.3600**, and the grayscale version is **55.5020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **30.7557, 0.2362, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **55.5822, 0.2377, 0.2850**, and if you desaturate by 10%, it is **66.8595, 0.2650, 0.3043**.

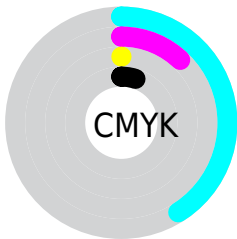
# Distribution



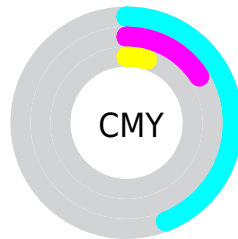
- Red (56%)
- Green (84%)
- Blue (95%)



- Red (56%)
- Yellow (73%)
- Blue (95%)



- Cyan (41%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (16%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9116, 0.2508, 0.2949 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 60.9116, 0.2508, 0.2949 by changing the saturation by 10% instead.



60.9116, 0.2508,  
0.2949

60.9116, 0.2508,  
0.2949

427.9498, 0.2796,  
0.3116

44.1538, 0.2442,  
0.2909

106.1509, 0.2608,  
0.3009

30.7915, 0.2361,  
0.2858

135.4013, 0.2647,  
0.3032

20.4401, 0.2258,  
0.2792

169.5846, 0.2681,  
0.3051

12.7154, 0.2125,  
0.2703

209.0853, 0.2710,  
0.3068

7.2328, 0.1946,  
0.2578

254.2878, 0.2735,  
0.3082

3.6081, 0.1694,  
0.2391

305.5764, 0.2758,

1.4569, 0.1324,

0.3095

0.2088

363.3356, 0.2778,  
0.3106

■ 0.2581, 0.0000,  
0.1165

■ 0.0000, 0.0000,  
0.0000

■ 60.9116, 0.2508,  
0.2949

■ 60.9116, 0.2508,  
0.2949

■ 55.5822, 0.2377,  
0.2850

■ 66.8595, 0.2650,  
0.3043

■ 50.8319, 0.2259,  
0.2747

■ 73.4484, 0.2800,  
0.3130

■ 46.6270, 0.2160,  
0.2641

■ 80.7082, 0.2954,  
0.3209

■ 42.9264, 0.2080,  
0.2534

■ 88.6643, 0.3109,  
0.3282

■ 39.6810, 0.2021,  
0.2428

■ 95.4997, 0.3201,  
0.3348

■ 37.1267, 0.1982,  
0.2336

■ 99.2523, 0.3197,  
0.3405

# Harmonies

## Analogous

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



60.9116, 0.2580, 0.3227



60.9116, 0.2508, 0.2949



60.9116, 0.2590, 0.2782

# Triad

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



60.9116, 0.2508, 0.2949



60.9116, 0.3457, 0.3048



60.9116, 0.3428, 0.3883

# Complementary

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



60.9116, 0.2508, 0.2949



50.1564, 0.4054, 0.3600

# 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.



60.9116, 0.3683, 0.3795



60.9116, 0.2508, 0.2949



60.9116, 0.3704, 0.3309

# Square

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



60.9116, 0.2508, 0.2949



60.9116, 0.3125, 0.2848



60.9116, 0.3788, 0.3580



60.9116, 0.3102, 0.3795



# Rectangle

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



60.9116, 0.2508, 0.2949



60.9116, 0.2723, 0.2746



60.9116, 0.3788, 0.3580



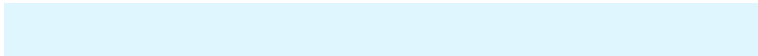
60.9116, 0.3526, 0.3872

# Sweetspot

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



60.9140, 0.2508, 0.2949



89.3068, 0.2941, 0.3203



72.8384, 0.2930, 0.4218



18.8808, 0.2921, 0.3193



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

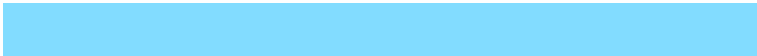


# Same Dimension

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



60.9140, 0.2508, 0.2949



63.1666, 0.2402, 0.2871



39.6938, 0.2406, 0.2319



17.9277, 0.2980, 0.3222



20.6119, 0.1987, 0.2352



1.9845, 0.2023, 0.2484



# Inverse Universe

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



43.5988, 0.3428, 0.2531



42.4069, 0.3508, 0.2393



72.0555, 0.3835, 0.4098



16.6845, 0.3181, 0.3121



12.1802, 0.4072, 0.2017

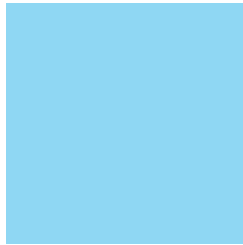


1.0880, 0.3938, 0.1943



# Previews

## White Background



This preview shows how the Yxy color 60.9116, 0.2508, 0.2949 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

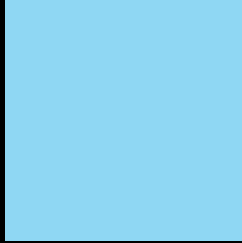
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.9116, 0.2508, 0.2949 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 60.9116, 0.2508, 0.2949**

## Background



This preview shows how black text looks on a background with the Yxy color 60.9116, 0.2508, 0.2949.

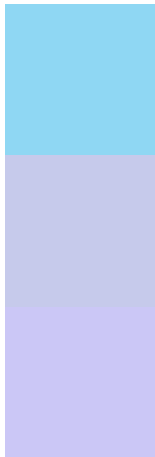


This preview shows how white text looks on a background with the Yxy color 60.9116, 0.2508, 0.2949.

# 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

60.9116, 0.2508, 0.2949

### Protanopia

60.2450, 0.2873, 0.2914

### Deuteranopia

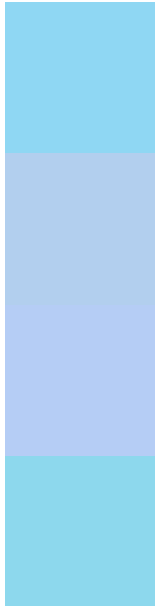
60.1972, 0.2837, 0.2768



## Tritanopia

61.1417, 0.2542, 0.3079

# Trichromacy



## Original Color

60.9116, 0.2508, 0.2949

## Protanomaly

60.2637, 0.2724, 0.2926

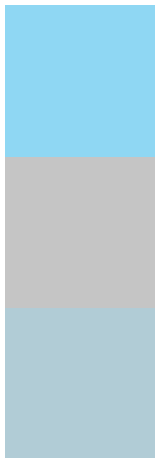
## Deuteranomaly

60.0790, 0.2701, 0.2828

## Tritanomaly

60.8889, 0.2530, 0.3031

# Monochromacy



## Original Color

60.9116, 0.2508, 0.2949

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

57.3879, 0.2862, 0.3167

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.9116, 0.2508, 0.2949 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(143, 215, 243)` looks like.

```
.text, #text, p{  
    color:rgb(143, 215, 243)  
}
```

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(143, 215, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 215, 243) }
```

## Border

The CSS property to change the border of an element to Yxy 60.9116, 0.2508, 0.2949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

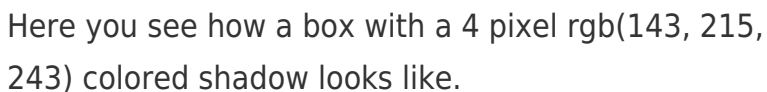
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 215, 243) }
```

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

```
.border{ border-color:rgb(143, 215, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 215, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 215, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 215, 243); box-shadow:4px 4px 4px 4px rgb(143, 215, 243) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.9116, 0.2508, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 215, 243) }
```

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

```
.background{ background-color: rgb(143,  
215, 243) }
```

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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