

# Converting Colors

$Yxy(57.0742, 0.2614, 0.3062)$

Have a look what the booklet for  
Yxy(57.0742, 0.2614, 0.3062)  
contains.

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# Color

**Yxy(56.9923, 0.2616, 0.3063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95D0E2
RGB	149, 208, 226
RGB Percent	58%, 82%, 89%
CMY	0.4158, 0.1843, 0.1137
CMYK	0.34, 0.08, 0.00, 0.11
HSL	194°, 57%, 74%
HSV	194°, 34%, 89%
XYZ	48.6751, 56.9923, 80.3995
YIQ	192.4110, -40.9420, -6.9100

# Conversions

## Conversions Part 2

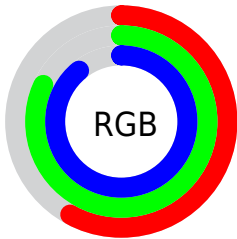
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 182, 226
Decimal	9818338
CIELab	80.18, -14.52, -14.95
CIELCh	80, 20.840, 225.842
Yxy	56.9923, 0.2616, 0.3063
Android (android.graphics.Color)	4288008418 (0xFF95D0E2)
YUV	192.4110, 16.5594, -38.0714
Hunter-Lab	75.4932, -17.0233, -10.2980

# Details

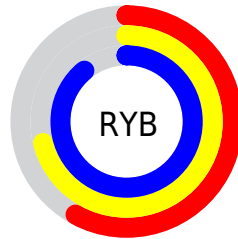
The Yxy color **56.9923, 0.2616, 0.3063** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9710, 0.3857, 0.3504**, and the grayscale version is **52.8823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **28.4844, 0.2490, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **52.5378, 0.2481, 0.2985**, and if you desaturate by 10%, it is **61.9496, 0.2760, 0.3136**.

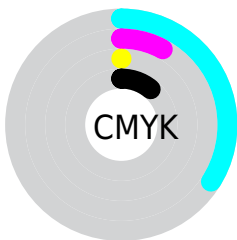
# Distribution



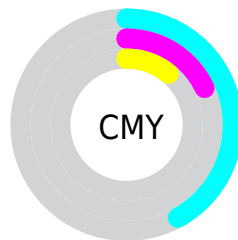
- Red (58%)
- Green (82%)
- Blue (89%)



- Red (58%)
- Yellow (71%)
- Blue (89%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)




- Cyan (42%)
- Magenta (18%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9923, 0.2616, 0.3063 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 56.9923, 0.2616, 0.3063 by changing the saturation by 10% instead.




 56.9923, 0.2616,  
0.3063

 56.9923, 0.2616,  
0.3063


413.4205, 0.2858,  
0.3177

 40.9991, 0.2559,  
0.3035


 100.4540, 0.2701,  
0.3104

 28.3183, 0.2489,  
0.2999


 128.6912, 0.2734,  
0.3120

 18.5658, 0.2398,  
0.2952


161.7785, 0.2762,  
0.3133

 11.3569, 0.2279,  
0.2886

200.1003, 0.2786,  
0.3144

 6.3075, 0.2114,  
0.2792

244.0410, 0.2808,  
0.3154

 3.0329, 0.1874,  
0.2643

293.9850, 0.2827,

 1.1489, 0.1487,

0.3162

0.2385

350.3167, 0.2843,  
0.3170

0.0194, 0.0000,  
0.0178

0.0000, 0.0000,  
0.0000

56.9923, 0.2616,  
0.3063

56.9923, 0.2616,  
0.3063

52.5378, 0.2481,  
0.2985

61.9496, 0.2760,  
0.3136

48.5545, 0.2360,  
0.2902

67.4259, 0.2911,  
0.3204

45.0175, 0.2254,  
0.2817

73.4445, 0.3064,  
0.3266

41.8962, 0.2167,  
0.2730

80.0255, 0.3218,  
0.3322

■ 39.1553, 0.2099,  
0.2643

■ 85.8400, 0.3322,  
0.3374

■ 36.7521, 0.2051,  
0.2557

■ 88.9006, 0.3315,  
0.3425

■ 35.4506, 0.2030,  
0.2506

■ 92.0518, 0.3309,  
0.3476

■ 95.2943, 0.3303,  
0.3527

■ 98.2720, 0.3297,  
0.3572

# Harmonies

## Analogous

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



56.9923, 0.2709, 0.3307



56.9923, 0.2616, 0.3063



56.9923, 0.2652, 0.2896

# Triad

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



56.9923, 0.2616, 0.3063



56.9923, 0.3334, 0.3041



56.9923, 0.3439, 0.3771

# Complementary

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



56.9923, 0.2616, 0.3063



45.9710, 0.3857, 0.3504

# 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.



56.9923, 0.3621, 0.3672



56.9923, 0.2616, 0.3063



56.9923, 0.3561, 0.3251

# Square

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



56.9923, 0.2616, 0.3063



56.9923, 0.3057, 0.2892



56.9923, 0.3667, 0.3480



56.9923, 0.3178, 0.3734



# Rectangle

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



56.9923, 0.2616, 0.3063



56.9923, 0.2745, 0.2844



56.9923, 0.3667, 0.3480



56.9923, 0.3512, 0.3752

# Sweetspot

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



56.9945, 0.2616, 0.3063



91.7360, 0.2972, 0.3230



63.5779, 0.2975, 0.4063



19.3994, 0.2950, 0.3221



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

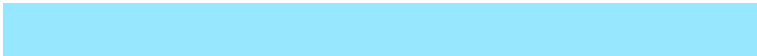


# Same Dimension

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



56.9945, 0.2616, 0.3063



70.6531, 0.2518, 0.3007



40.4470, 0.2549, 0.2552



15.0007, 0.2982, 0.3234



20.4106, 0.2033, 0.2520



1.5480, 0.2070, 0.2652



# Inverse Universe

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



42.2115, 0.3329, 0.2626



48.9613, 0.3384, 0.2488



62.2299, 0.3710, 0.3931



13.8780, 0.3173, 0.3112



10.9685, 0.3903, 0.1924

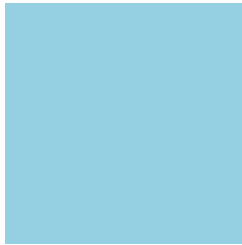


0.7737, 0.3774, 0.1853



# Previews

## White Background



This preview shows how the Yxy color 56.9923, 0.2616, 0.3063 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

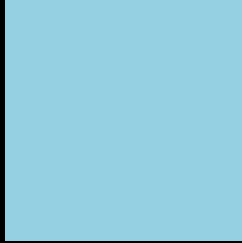
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.9923, 0.2616, 0.3063 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

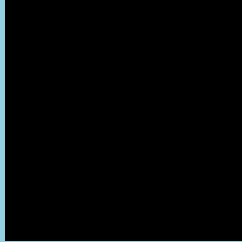
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

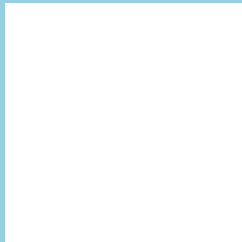
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.9923, 0.2616, 0.3063**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.9923, 0.2616, 0.3063.



This preview shows how white text looks on a background with the Yxy color 56.9923, 0.2616, 0.3063.

# 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

56.9923, 0.2616, 0.3063

### Protanopia

56.7827, 0.2963, 0.3031

### Deuteranopia

56.4936, 0.2946, 0.2878



## Tritanopia

56.9376, 0.2622, 0.3075

# Trichromacy



**Original Color**

56.9923, 0.2616, 0.3063

**Protanomaly**

56.6309, 0.2823, 0.3036

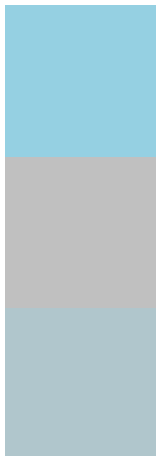
**Deuteranomaly**

56.0569, 0.2810, 0.2932

**Tritanomaly**

56.9376, 0.2622, 0.3075

# Monochromacy



**Original Color**

56.9923, 0.2616, 0.3063

**Achromatopsia**

52.7115, 0.3127, 0.3290

**Achromatomaly**

53.9779, 0.2918, 0.3214

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.9923, 0.2616, 0.3063 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, 208, 226)` looks like.

```
.text, #text, p{  
    color:rgb(149, 208, 226)  
}
```

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, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 208, 226) }
```

## Border

The CSS property to change the border of an element to Yxy 56.9923, 0.2616, 0.3063 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, 208, 226) }
```

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

```
.border{ border-color:rgb(149, 208, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(149, 208,  
226) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.9923, 0.2616, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 208, 226) }
```

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

```
.background{ background-color: rgb(149,  
208, 226) }
```

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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