

# Converting Colors

$Yxy(60.1586, 0.2594, 0.3079)$

Have a look what the booklet for  
Yxy(60.1586, 0.2594, 0.3079)  
contains.

<b>Yxy(60.1586, 0.2594, 0.3079)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(60.1586, 0.2594, 0.3079)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D6E7
RGB	148, 214, 231
RGB Percent	58%, 84%, 91%
CMY	0.4196, 0.1608, 0.0941
CMYK	0.36, 0.07, 0.00, 0.09
HSL	192°, 63%, 74%
HSV	192°, 36%, 91%
XYZ	50.6825, 60.1586, 84.5425
YIQ	196.2040, -44.7930, -8.7050

# Conversions

## Conversions Part 2

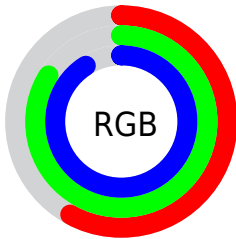
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 185, 231
Decimal	9754343
CIELab	81.92, -16.63, -14.99
CIELCh	82, 22.389, 222.025
Yxy	60.1586, 0.2594, 0.3079
Android (android.graphics.Color)	4287944423 (0xFF94D6E7)
YUV	196.2040, 17.1544, -42.2749
Hunter-Lab	77.5620, -19.0935, -10.3327

# Details

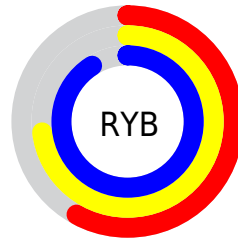
The Yxy color **60.1586, 0.2594, 0.3079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0360, 0.3922, 0.3488**, and the grayscale version is **55.2469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **30.2186, 0.2466, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **55.8577, 0.2465, 0.3010**, and if you desaturate by 10%, it is **64.9636, 0.2734, 0.3144**.

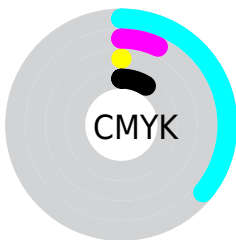
# Distribution



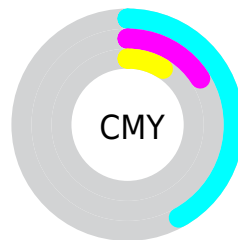
- Red (58%)
- Green (84%)
- Blue (91%)



- Red (58%)
- Yellow (73%)
- Blue (91%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)




- Cyan (42%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1586, 0.2594, 0.3079 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 60.1586, 0.2594, 0.3079 by changing the saturation by 10% instead.




 60.1586, 0.2594,  
0.3079


 60.1586, 0.2594,  
0.3079


425.1821, 0.2844,  
0.3185

 43.5465, 0.2536,  
0.3053


 105.0597, 0.2681,  
0.3117

 30.3141, 0.2465,  
0.3020


 134.1175, 0.2715,  
0.3132

 20.0771, 0.2373,  
0.2976


168.0926, 0.2744,  
0.3144

 12.4511, 0.2254,  
0.2916

207.3694, 0.2769,  
0.3154

 7.0517, 0.2091,  
0.2829

252.3324, 0.2792,  
0.3163

 3.4945, 0.1856,  
0.2695

303.3659, 0.2811,

 1.3950, 0.1497,

0.3171

0.2461

360.8544, 0.2829,  
0.3178

0.2130, 0.0000,  
0.1394

0.0000, 0.0000,  
0.0000

60.1586, 0.2594,  
0.3079

60.1586, 0.2594,  
0.3079

55.8577, 0.2465,  
0.3010

64.9636, 0.2734,  
0.3144

52.0274, 0.2349,  
0.2938

70.2898, 0.2883,  
0.3204

48.6412, 0.2251,  
0.2864

76.1620, 0.3036,  
0.3260

45.6663, 0.2172,  
0.2788

82.6011, 0.3190,  
0.3310

■ 43.0646, 0.2112,  
0.2713

■ 87.9792, 0.3286,  
0.3356

■ 40.7892, 0.2071,  
0.2638

■ 90.7648, 0.3281,  
0.3402

■ 39.9253, 0.2058,  
0.2608

■ 93.6233, 0.3276,  
0.3447

■ 96.5552, 0.3271,  
0.3493

■ 98.5497, 0.3268,  
0.3522

# Harmonies

## Analogous

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



60.1586, 0.2708, 0.3343



60.1586, 0.2594, 0.3079



60.1586, 0.2615, 0.2891

# Triad

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



60.1586, 0.2594, 0.3079



60.1586, 0.3309, 0.3003



60.1586, 0.3486, 0.3792

# Complementary

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



60.1586, 0.2594, 0.3079



46.0360, 0.3922, 0.3488

# 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.



60.1586, 0.3663, 0.3670



60.1586, 0.2594, 0.3079



60.1586, 0.3560, 0.3218

# Square

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



60.1586, 0.2594, 0.3079



60.1586, 0.3016, 0.2858



60.1586, 0.3692, 0.3459



60.1586, 0.3217, 0.3773



# Rectangle

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



60.1586, 0.2594, 0.3079



60.1586, 0.2702, 0.2827



60.1586, 0.3692, 0.3459



60.1586, 0.3559, 0.3765

# Sweetspot

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



60.1610, 0.2594, 0.3079



91.4525, 0.2957, 0.3232



66.1509, 0.2983, 0.4151



19.3619, 0.2936, 0.3224



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

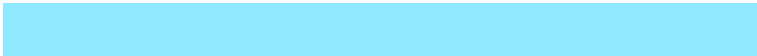


# Same Dimension

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



60.1610, 0.2594, 0.3079



71.2927, 0.2498, 0.3029



41.9140, 0.2519, 0.2541



15.8088, 0.2981, 0.3241



22.5647, 0.2061, 0.2620



1.7944, 0.2091, 0.2729



# Inverse Universe

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



43.0238, 0.3320, 0.2566



47.4752, 0.3371, 0.2423



63.3186, 0.3757, 0.3938



14.5620, 0.3169, 0.3105



11.4756, 0.3805, 0.1869

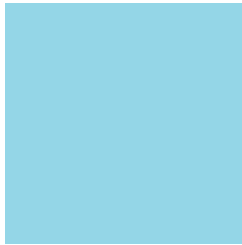


0.8608, 0.3701, 0.1812



# Previews

## White Background



This preview shows how the Yxy color 60.1586, 0.2594, 0.3079 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

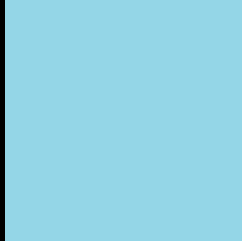
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.1586, 0.2594, 0.3079 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

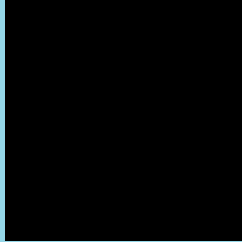
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.1586, 0.2594, 0.3079**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.1586, 0.2594, 0.3079.

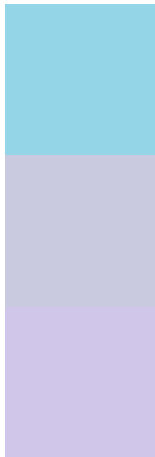


This preview shows how white text looks on a background with the Yxy color 60.1586, 0.2594, 0.3079.

# 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

60.1586, 0.2594, 0.3079

### Protanopia

59.9863, 0.2974, 0.3048

### Deuteranopia

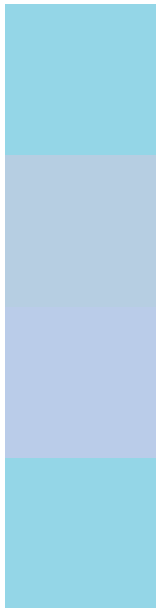
59.7386, 0.2950, 0.2887



## Tritanopia

60.1586, 0.2594, 0.3079

# Trichromacy



**Original Color**

60.1586, 0.2594, 0.3079

**Protanomaly**

59.5787, 0.2822, 0.3052

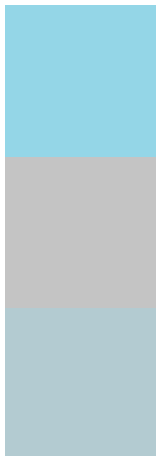
**Deuteranomaly**

59.5080, 0.2804, 0.2951

**Tritanomaly**

60.1586, 0.2594, 0.3079

# Monochromacy



**Original Color**

60.1586, 0.2594, 0.3079

**Achromatopsia**

55.2011, 0.3127, 0.3290

**Achromatomaly**

56.8990, 0.2908, 0.3216

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.1586, 0.2594, 0.3079 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(148, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(148, 214, 231)  
}
```

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(148, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 214, 231) }
```

## Border

The CSS property to change the border of an element to Yxy 60.1586, 0.2594, 0.3079 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(148, 214, 231) }
```

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

```
.border{ border-color:rgb(148, 214, 231) }
```

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

Here you see how a box with a 4 pixel rgb(148, 214, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(148, 214,  
231) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.1586, 0.2594, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 214, 231) }
```

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

```
.background{ background-color: rgb(148,  
214, 231) }
```

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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