

# Converting Colors

Yxy(61.1144, 0.2774, 0.2980)

Have a look what the booklet for  
Yxy(61.1144, 0.2774, 0.2980)  
contains.

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# Color

**Yxy(61.0550, 0.2769, 0.2974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6D0EB
RGB	182, 208, 235
RGB Percent	71%, 82%, 92%
CMY	0.2862, 0.1843, 0.0784
CMYK	0.23, 0.11, 0.00, 0.08
HSL	211°, 57%, 82%
HSV	211°, 23%, 92%
XYZ	56.8464, 61.0550, 87.3945
YIQ	203.3040, -24.1630, 2.8850

# Conversions

## Conversions Part 2

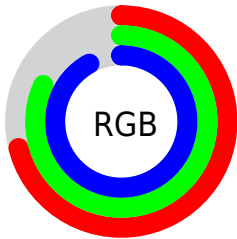
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 199, 235
Decimal	11981035
CIELab	82.41, -2.91, -16.20
CIELCh	82, 16.457, 259.830
Yxy	61.0550, 0.2769, 0.2974
Android (android.graphics.Color)	4290171115 (0xFFB6D0EB)
YUV	203.3040, 15.6261, -18.6836
Hunter-Lab	78.1377, -6.8793, -11.6175

# Details

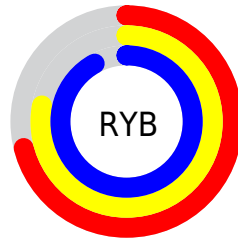
The Yxy color **61.0550, 0.2769, 0.2974** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.6580, 0.3525, 0.3587**, and the grayscale version is **59.8365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **30.9551, 0.2681, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **52.8094, 0.2604, 0.2809**, and if you desaturate by 10%, it is **70.2269, 0.2931, 0.3124**.

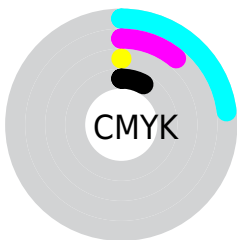
# Distribution



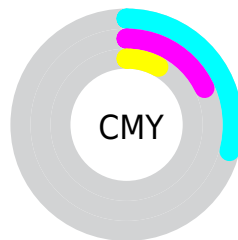
- Red (71%)
- Green (82%)
- Blue (92%)



- Red (71%)
- Yellow (78%)
- Blue (92%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (18%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0550, 0.2769, 0.2974 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 61.0550, 0.2769, 0.2974 by changing the saturation by 10% instead.



■ 61.0550, 0.2769,  
0.2974

■ 61.0550, 0.2769,  
0.2974

428.4756, 0.2938,  
0.3125

■ 44.2696, 0.2730,  
0.2939

■ 106.3586, 0.2828,  
0.3027

■ 30.8825, 0.2681,  
0.2894

135.6455, 0.2851,  
0.3048

■ 20.5094, 0.2618,  
0.2837

169.8683, 0.2871,  
0.3065

■ 12.7659, 0.2535,  
0.2761

209.4115, 0.2888,  
0.3080

■ 7.2675, 0.2420,  
0.2656

254.6595, 0.2903,  
0.3093

■ 3.6300, 0.2253,  
0.2500

305.9965, 0.2916,

■ 1.4688, 0.1987,

0.3105

0.2247

363.8071, 0.2928,  
0.3115

0.2666, 0.0937,  
0.1368

0.0000, 0.0000,  
0.0000

61.0550, 0.2769,  
0.2974

61.0550, 0.2769,  
0.2974

52.8094, 0.2604,  
0.2809

70.2269, 0.2931,  
0.3124

45.4491, 0.2439,  
0.2631

80.3494, 0.3088,  
0.3258

38.9405, 0.2281,  
0.2441

91.4549, 0.3238,  
0.3378

33.2446, 0.2133,  
0.2243

98.7789, 0.3244,  
0.3483

■ 28.3185, 0.2001,  
0.2042

■ 24.1140, 0.1891,  
0.1844

■ 20.5747, 0.1805,  
0.1653

■ 18.3110, 0.1756,  
0.1520

# Harmonies

## Analogous

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



61.0550, 0.2727, 0.3096



61.0550, 0.2769, 0.2974



61.0550, 0.2904, 0.2938

# Triad

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



61.0550, 0.2769, 0.2974



61.0550, 0.3478, 0.3286



61.0550, 0.3140, 0.3616

# Complementary

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



61.0550, 0.2769, 0.2974



66.6580, 0.3525, 0.3587

# 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.



61.0550, 0.3345, 0.3662



61.0550, 0.2769, 0.2974



61.0550, 0.3545, 0.3463

# Square

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



61.0550, 0.2769, 0.2974



61.0550, 0.3314, 0.3116



61.0550, 0.3495, 0.3602



61.0550, 0.2937, 0.3473



# Rectangle

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



61.0550, 0.2769, 0.2974



61.0550, 0.3032, 0.2964



61.0550, 0.3495, 0.3602



61.0550, 0.3211, 0.3644

# Sweetspot

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



61.0575, 0.2769, 0.2974



91.1020, 0.3019, 0.3200



73.9504, 0.2942, 0.3599



19.3412, 0.3009, 0.3192



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

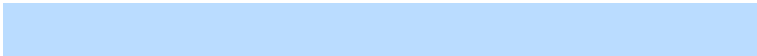


# Same Dimension

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



61.0575, 0.2769, 0.2974



68.8148, 0.2694, 0.2901



49.4087, 0.2745, 0.2658



15.7684, 0.2981, 0.3167



10.4439, 0.1763, 0.1548



1.0122, 0.1834, 0.1802



# Inverse Universe

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



55.6811, 0.3368, 0.3007



61.6034, 0.3431, 0.2946



80.4663, 0.3467, 0.3852



15.1772, 0.3216, 0.3175



10.5471, 0.4997, 0.2527



0.8476, 0.4683, 0.2354



# Previews

## White Background



This preview shows how the Yxy color 61.0550, 0.2769, 0.2974 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

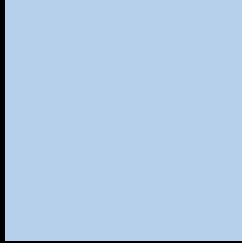
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.0550, 0.2769, 0.2974 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

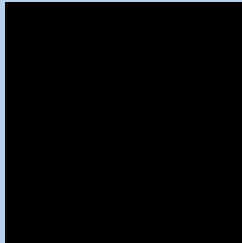
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

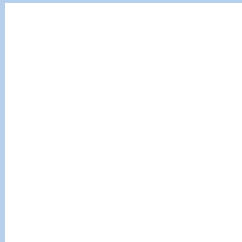
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.0550, 0.2769, 0.2974**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0550, 0.2769, 0.2974.



This preview shows how white text looks on a background with the Yxy color 61.0550, 0.2769, 0.2974.

# 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

61.0550, 0.2769, 0.2974

### Protanopia

60.8174, 0.2907, 0.2960

### Deuteranopia

60.9783, 0.2938, 0.2879



## Tritanopia

60.7952, 0.2811, 0.3087

# Trichromacy



## Original Color

61.0550, 0.2769, 0.2974

## Protanomaly

60.8833, 0.2853, 0.2967

## Deuteranomaly

60.9101, 0.2874, 0.2916

## Tritanomaly

61.0818, 0.2799, 0.3053

# Monochromacy



## Original Color

61.0550, 0.2769, 0.2974

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

60.1710, 0.2984, 0.3172

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0550, 0.2769, 0.2974 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(182, 208, 235)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 235)  
}
```

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(182, 208, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 235) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0550, 0.2769, 0.2974 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(182, 208, 235) }
```

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

```
.border{ border-color:rgb(182, 208, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 235);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
235) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0550, 0.2769, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 235) }
```

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

```
.background{ background-color: rgb(182,  
208, 235) }
```

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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