

# Converting Colors

Yxy(61.0520, 0.2707, 0.3167)

Have a look what the booklet for  
Yxy(61.0520, 0.2707, 0.3167)  
contains.

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# Color

**Yxy(61.0520, 0.2707, 0.3167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1D6E0
RGB	161, 214, 224
RGB Percent	63%, 84%, 88%
CMY	0.3689, 0.1607, 0.1216
CMYK	0.28, 0.04, 0.00, 0.12
HSL	189°, 50%, 75%
HSV	189°, 28%, 88%
XYZ	52.1843, 61.0520, 79.5392
YIQ	199.2930, -34.7980, -8.1260

# Conversions

## Conversions Part 2

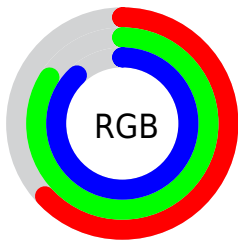
Format	Color
<b>RYB</b>	161, 190, 224
Decimal	10606304
CIELab	82.41, -14.75, -10.46
CIELCh	82, 18.077, 215.343
Yxy	61.0520, 0.2707, 0.3167
Android (android.graphics.Color)	4288796384 (0xFFA1D6E0)
YUV	199.2930, 12.1806, -33.5830
Hunter-Lab	78.1358, -17.5233, -5.6599

# Details

The Yxy color **61.0520, 0.2707, 0.3167** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4936, 0.3711, 0.3409**, and the grayscale version is **57.2333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **30.7866, 0.2600, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **57.1627, 0.2573, 0.3117**, and if you desaturate by 10%, it is **65.4018, 0.2851, 0.3214**.

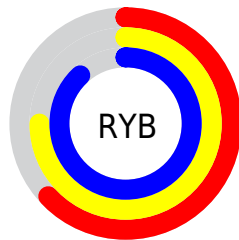
# Distribution



Red (63%)

Green (84%)

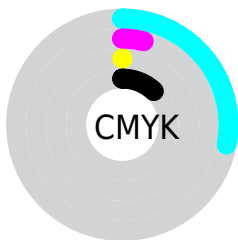
Blue (88%)



Red (63%)

Yellow (75%)

Blue (88%)

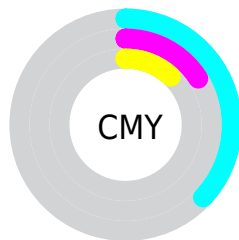


Cyan (28%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (37%)

Magenta (16%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0520, 0.2707, 0.3167 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 61.0520, 0.2707, 0.3167 by changing the saturation by 10% instead.



 61.0520, 0.2707,  
0.3167

 61.0520, 0.2707,  
0.3167

428.4646, 0.2905,  
0.3229

 44.2671, 0.2661,  
0.3152

 106.3542, 0.2776,  
0.3189

 30.8806, 0.2604,  
0.3132


 135.6404, 0.2803,  
0.3198

 20.5079, 0.2531,  
0.3106


169.8624, 0.2826,  
0.3205

 12.7648, 0.2435,  
0.3070

209.4047, 0.2846,  
0.3211

 7.2668, 0.2302,  
0.3017

254.6517, 0.2863,  
0.3217

 3.6295, 0.2108,  
0.2934

305.9878, 0.2879,

 1.4685, 0.1800,

0.3221

0.2784

363.7973, 0.2893,  
0.3225

0.2664, 0.0000,  
0.2067

0.0000, 0.0000,  
0.0000

61.0520, 0.2707,  
0.3167

61.0520, 0.2707,  
0.3167

57.1627, 0.2573,  
0.3117

65.4018, 0.2851,  
0.3214

53.7040, 0.2452,  
0.3064

70.2255, 0.3002,  
0.3257

50.6538, 0.2346,  
0.3009

75.5452, 0.3156,  
0.3297

47.9848, 0.2258,  
0.2953

81.3791, 0.3311,  
0.3333

■ 45.6662, 0.2190,  
0.2896

■ 84.1879, 0.3338,  
0.3367

■ 43.6614, 0.2141,  
0.2839

■ 86.1956, 0.3334,  
0.3402

■ 41.9185, 0.2109,  
0.2783

■ 88.2435, 0.3330,  
0.3437

■ 41.6110, 0.2104,  
0.2773

■ 90.3320, 0.3325,  
0.3471

■ 92.4611, 0.3321,  
0.3505

# Harmonies

## Analogous

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



61.0520, 0.2823, 0.3383



61.0520, 0.2707, 0.3167



61.0520, 0.2699, 0.2996

# Triad

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



61.0520, 0.2707, 0.3167



61.0520, 0.3222, 0.3025



61.0520, 0.3457, 0.3681

# Complementary

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



61.0520, 0.2707, 0.3167



47.4936, 0.3711, 0.3409

# 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.



61.0520, 0.3573, 0.3566



61.0520, 0.2707, 0.3167



61.0520, 0.3436, 0.3191

# Square

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



61.0520, 0.2707, 0.3167



61.0520, 0.2989, 0.2923



61.0520, 0.3566, 0.3387



61.0520, 0.3253, 0.3689



# Rectangle

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



61.0520, 0.2707, 0.3167



61.0520, 0.2755, 0.2929



61.0520, 0.3566, 0.3387



61.0520, 0.3508, 0.3652

# Sweetspot

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



61.0545, 0.2707, 0.3167



94.2963, 0.3003, 0.3258



63.7857, 0.3032, 0.3977



19.9641, 0.2980, 0.3252



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.



61.0545, 0.2707, 0.3167



78.6729, 0.2624, 0.3137



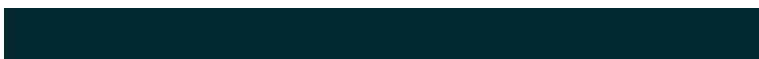
46.8128, 0.2666, 0.2769



15.1844, 0.2982, 0.3252



24.3658, 0.2106, 0.2782



1.7892, 0.2130, 0.2868



# Inverse Universe

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



46.1622, 0.3245, 0.2694



55.7457, 0.3276, 0.2564



60.6127, 0.3614, 0.3761



13.8965, 0.3162, 0.3095



11.3678, 0.3652, 0.1785

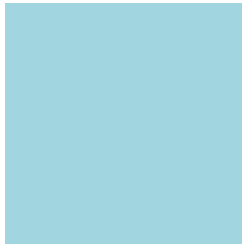


0.7981, 0.3572, 0.1742



# Previews

## White Background



This preview shows how the Yxy color 61.0520, 0.2707, 0.3167 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

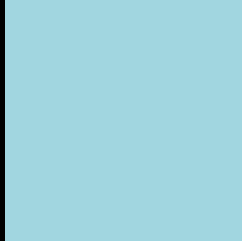
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.0520, 0.2707, 0.3167 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

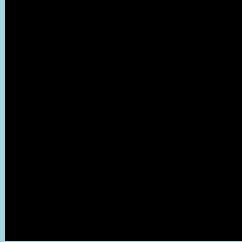
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.0520, 0.2707, 0.3167**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0520, 0.2707, 0.3167.

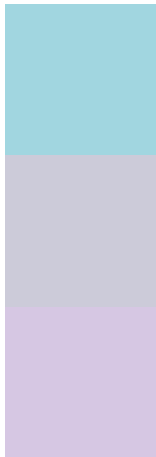


This preview shows how white text looks on a background with the Yxy color 61.0520, 0.2707, 0.3167.

# 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

61.0520, 0.2707, 0.3167

### Protanopia

60.5590, 0.3037, 0.3128

### Deuteranopia

60.6890, 0.3043, 0.2977



## Tritanopia

60.9831, 0.2678, 0.3083

# Trichromacy



## Original Color

61.0520, 0.2707, 0.3167

## Protanomaly

60.4843, 0.2902, 0.3136

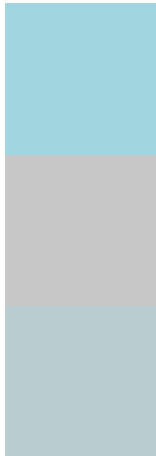
## Deuteranomaly

60.2788, 0.2911, 0.3035

## Tritanomaly

60.8713, 0.2690, 0.3107

# Monochromacy



## Original Color

61.0520, 0.2707, 0.3167

## Achromatopsia

57.1125, 0.3127, 0.3290

## Achromatomaly

58.0541, 0.2958, 0.3241

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0520, 0.2707, 0.3167 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(161, 214, 224)` looks like.

```
.text, #text, p{  
    color:rgb(161, 214, 224)  
}
```

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(161, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 214, 224) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0520, 0.2707, 0.3167 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(161, 214, 224) }
```

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

```
.border{ border-color:rgb(161, 214, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 214, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(161, 214,  
224) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0520, 0.2707, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 214, 224) }
```

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

```
.background{ background-color: rgb(161,  
214, 224) }
```

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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