

# Converting Colors

Yxy(61.2704, 0.3006, 0.3557)

Have a look what the booklet for  
Yxy(61.2704, 0.3006, 0.3557)  
contains.

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# Color

**Yxy(61.2460, 0.3007, 0.3563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1D6C0
RGB	177, 214, 192
RGB Percent	69%, 84%, 75%
CMY	0.3059, 0.1607, 0.2471
CMYK	0.17, 0.00, 0.10, 0.16
HSL	144°, 31%, 77%
HSV	144°, 17%, 84%
XYZ	51.6887, 61.2460, 58.9598
YIQ	200.4290, -14.9900, -14.6860

# Conversions

## Conversions Part 2

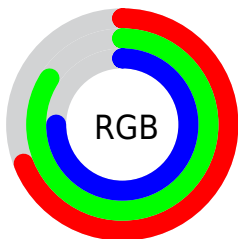
Format	Color
<a href="#">RYB</a>	<a href="#">177, 203, 214</a>
Decimal	<a href="#">11654848</a>
CIELab	<a href="#">82.51, -16.49, 6.83</a>
CIELCh	<a href="#">83, 17.853, 157.504</a>
Yxy	<a href="#">61.2460, 0.3007, 0.3563</a>
Android (android.graphics.Color)	<a href="#">4289844928 (0xFFB1D6C0)</a>
YUV	<a href="#">200.4290, -4.1555, -20.5472</a>
Hunter-Lab	<a href="#">78.2598, -19.0599, 10.1137</a>

# Details

The Yxy color **61.2460, 0.3007, 0.3563** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8597, 0.3269, 0.3032**, and the grayscale version is **58.0694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6209, 0.3032, 0.3359**, and **30.9454, 0.2972, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **58.3897, 0.2941, 0.3746**, and if you desaturate by 10%, it is **64.5503, 0.3076, 0.3399**.

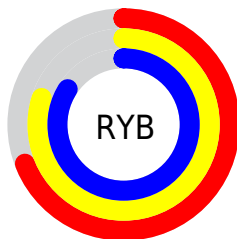
# Distribution



Red (69%)

Green (84%)

Blue (75%)



Red (69%)

Yellow (80%)

Blue (84%)

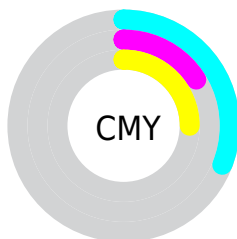


Cyan (17%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (31%)

Magenta (16%)


Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2460, 0.3007, 0.3563 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 61.2460, 0.3007, 0.3563 by changing the saturation by 10% instead.





 61.2460, 0.3007,  
0.3563

 61.2460, 0.3007,  
0.3563


429.1754, 0.3066,  
0.3430

 44.4237, 0.2993,  
0.3595


 106.6350, 0.3028,  
0.3515

 31.0038, 0.2975,  
0.3636


135.9706, 0.3036,  
0.3497

 20.6017, 0.2951,  
0.3689


170.2461, 0.3043,  
0.3482

 12.8332, 0.2919,  
0.3762

209.8458, 0.3049,  
0.3469

 7.3138, 0.2872,  
0.3867

255.1542, 0.3054,  
0.3457

 3.6591, 0.2799,  
0.4031

306.5557, 0.3058,

 1.4848, 0.2668,

0.3447

0.4325

364.4346, 0.3062,  
0.3438

0.2780, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

61.2460, 0.3007,  
0.3563

61.2460, 0.3007,  
0.3563

58.3897, 0.2941,  
0.3746

64.5503, 0.3076,  
0.3399

55.9541, 0.2881,  
0.3947

68.3133, 0.3146,  
0.3252

53.9208, 0.2829,  
0.4163

72.5547, 0.3215,  
0.3123

52.2669, 0.2790,  
0.4390

75.8230, 0.3228,  
0.3005

■ 50.9670, 0.2766,  
0.4624

■ 76.5779, 0.3146,  
0.2891

■ 49.9926, 0.2760,  
0.4855

■ 49.3105, 0.2774,  
0.5075

■ 48.8762, 0.2804,  
0.5277

■ 48.7816, 0.2813,  
0.5328

# Harmonies

## Analogous

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



61.2460, 0.3235, 0.3679



61.2460, 0.3007, 0.3563



61.2460, 0.2816, 0.3366

# Triad

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



61.2460, 0.3007, 0.3563



61.2460, 0.2815, 0.2914



61.2460, 0.3565, 0.3399

# Complementary

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



61.2460, 0.3007, 0.3563



49.8597, 0.3269, 0.3032

# 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.



61.2460, 0.3445, 0.3206



61.2460, 0.3007, 0.3563



61.2460, 0.3007, 0.2933

# Square

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



61.2460, 0.3007, 0.3563



61.2460, 0.2708, 0.2991



61.2460, 0.3238, 0.3038



61.2460, 0.3563, 0.3573



# Rectangle

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



61.2460, 0.3007, 0.3563



61.2460, 0.2733, 0.3222



61.2460, 0.3238, 0.3038



61.2460, 0.3538, 0.3335

# Sweetspot

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



61.2486, 0.3007, 0.3563



97.1827, 0.3092, 0.3364



63.4411, 0.3271, 0.3733



20.7194, 0.3087, 0.3375



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

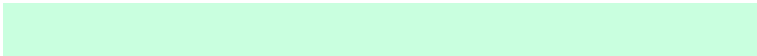


# Same Dimension

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



61.2486, 0.3007, 0.3563



89.3359, 0.2981, 0.3632



62.1117, 0.2891, 0.3334



13.9786, 0.3061, 0.3432



29.5018, 0.2806, 0.5300



1.7956, 0.2709, 0.4951



# Inverse Universe

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



49.8597, 0.3269, 0.3032



69.1436, 0.3308, 0.2971



49.0594, 0.3425, 0.3247



12.5435, 0.3199, 0.3152



9.5927, 0.4552, 0.2282



0.5948, 0.4259, 0.2120



# Previews

## White Background



This preview shows how the Yxy color 61.2460, 0.3007, 0.3563 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 61.2460, 0.3007, 0.3563 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

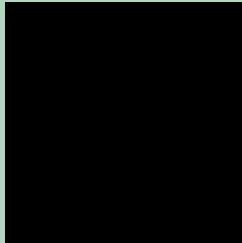
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

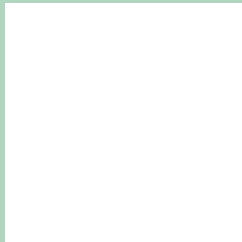
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.2460, 0.3007, 0.3563**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.2460, 0.3007, 0.3563.



This preview shows how white text looks on a background with the Yxy color 61.2460, 0.3007, 0.3563.

# 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

61.2460, 0.3007, 0.3563

### Protanopia

60.9197, 0.3321, 0.3488

### Deuteranopia

60.8223, 0.3391, 0.3324



## Tritanopia

61.1592, 0.2831, 0.3089

# Trichromacy



**Original Color**

61.2460, 0.3007, 0.3563

**Protanomaly**

61.0652, 0.3200, 0.3517

**Deuteranomaly**

60.6361, 0.3238, 0.3407

**Tritanomaly**

61.2673, 0.2893, 0.3253

# Monochromacy



**Original Color**

61.2460, 0.3007, 0.3563

**Achromatopsia**

57.7580, 0.3127, 0.3290

**Achromatomaly**

58.9003, 0.3085, 0.3387

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.2460, 0.3007, 0.3563 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(177, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(177, 214, 192)  
}
```

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(177, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 214, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 61.2460, 0.3007, 0.3563 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(177, 214, 192) }
```

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

```
.border{ border-color:rgb(177, 214, 192) }
```

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

Here you see how a box with a 4 pixel rgb(177, 214, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(177, 214,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.2460, 0.3007, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 214, 192) }
```

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

```
.background{ background-color: rgb(177,  
214, 192) }
```

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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