

# Converting Colors

$Yxy(61.0071, 0.3043, 0.3523)$

Have a look what the booklet for  
Yxy(61.0071, 0.3043, 0.3523)  
contains.

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# Color

**Yxy(61.0045, 0.3043, 0.3523)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D4C1
RGB	183, 212, 193
RGB Percent	72%, 83%, 76%
CMY	0.2825, 0.1686, 0.2430
CMYK	0.14, 0.00, 0.09, 0.17
HSL	141°, 25%, 77%
HSV	141°, 14%, 83%
XYZ	52.6928, 61.0045, 59.4634
YIQ	201.1630, -11.1850, -12.0570

# Conversions

## Conversions Part 2

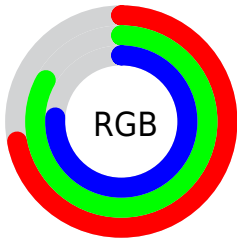
Format	Color
<a href="#">RYB</a>	<a href="#">183, 205, 212</a>
Decimal	<a href="#">12047553</a>
CIELab	<a href="#">82.38, -13.31, 6.14</a>
CIElCh	<a href="#">82, 14.660, 155.220</a>
Yxy	<a href="#">61.0045, 0.3043, 0.3523</a>
Android (android.graphics.Color)	<a href="#">4290237633 (0xFFB7D4C1)</a>
YUV	<a href="#">201.1630, -4.0244, -15.9290</a>
Hunter-Lab	<a href="#">78.1054, -16.2617, 9.5350</a>

# Details

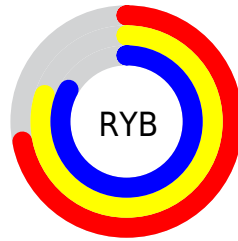
The Yxy color **61.0045, 0.3043, 0.3523** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1124, 0.3222, 0.3068**, and the grayscale version is **58.5440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7103, 0.3063, 0.3349**, and **30.7532, 0.3018, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **58.0109, 0.2983, 0.3718**, and if you desaturate by 10%, it is **64.4528, 0.3104, 0.3349**.

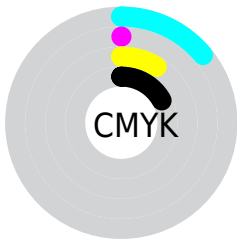
# Distribution



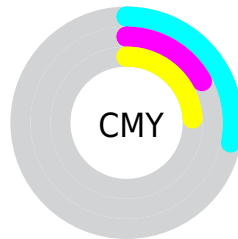
- Red (72%)
- Green (83%)
- Blue (76%)



- Red (72%)
- Yellow (80%)
- Blue (83%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)




- Cyan (28%)
- Magenta (17%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0045, 0.3043, 0.3523 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 61.0045, 0.3043, 0.3523 by changing the saturation by 10% instead.




 61.0045, 0.3043,  
0.3523

 61.0045, 0.3043,  
0.3523


428.2905, 0.3084,  
0.3410

 44.2288, 0.3033,  
0.3550

 106.2855, 0.3058,  
0.3483

 30.8504, 0.3020,  
0.3585


135.5595, 0.3063,  
0.3467

 20.4850, 0.3004,  
0.3630


169.7684, 0.3068,  
0.3454

 12.7481, 0.2981,  
0.3692

209.2967, 0.3072,  
0.3443

 7.2553, 0.2948,  
0.3780

254.5286, 0.3076,  
0.3433

 3.6223, 0.2896,  
0.3919

305.8486, 0.3079,

 1.4646, 0.2802,

0.3424

0.4165

363.6411, 0.3082,  
0.3417

0.2636, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

61.0045, 0.3043,  
0.3523

61.0045, 0.3043,  
0.3523

58.0109, 0.2983,  
0.3718

64.4528, 0.3104,  
0.3349

55.4451, 0.2928,  
0.3932

68.3659, 0.3166,  
0.3195

53.2895, 0.2879,  
0.4165

72.7634, 0.3226,  
0.3061

51.5217, 0.2840,  
0.4412

75.1586, 0.3191,  
0.2932

■ 50.1176, 0.2814,  
0.4666

■ 75.5730, 0.3147,  
0.2871

■ 49.0499, 0.2805,  
0.4918

■ 48.2875, 0.2813,  
0.5157

■ 47.7930, 0.2838,  
0.5373

■ 47.5798, 0.2859,  
0.5494

# Harmonies

## Analogous

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



61.0045, 0.3231, 0.3612



61.0045, 0.3043, 0.3523



61.0045, 0.2881, 0.3367

# Triad

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



61.0045, 0.3043, 0.3523



61.0045, 0.2860, 0.2981



61.0045, 0.3482, 0.3370

# Complementary

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



61.0045, 0.3043, 0.3523



52.1124, 0.3222, 0.3068

# 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.



61.0045, 0.3377, 0.3210



61.0045, 0.3043, 0.3523



61.0045, 0.3015, 0.2990

# Square

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



61.0045, 0.3043, 0.3523



61.0045, 0.2777, 0.3053



61.0045, 0.3204, 0.3073



61.0045, 0.3489, 0.3516



# Rectangle

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



61.0045, 0.3043, 0.3523



61.0045, 0.2808, 0.3249



61.0045, 0.3204, 0.3073



61.0045, 0.3457, 0.3316

# Sweetspot

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



61.0071, 0.3043, 0.3523



97.6945, 0.3102, 0.3355



63.1129, 0.3256, 0.3635



20.8206, 0.3098, 0.3367



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

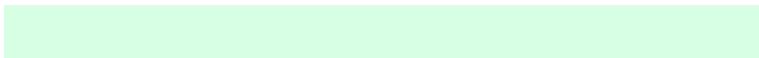


# Same Dimension

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



61.0071, 0.3043, 0.3523



91.4661, 0.3028, 0.3569



61.6691, 0.2951, 0.3348



13.9663, 0.3069, 0.3446



29.3868, 0.2852, 0.5468



1.7878, 0.2753, 0.5112



# Inverse Universe

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



52.1124, 0.3222, 0.3068



75.7974, 0.3242, 0.3026



51.4729, 0.3338, 0.3233



12.5562, 0.3190, 0.3139



9.8037, 0.4317, 0.2152



0.6066, 0.4077, 0.2020



# Previews

## White Background



This preview shows how the Yxy color 61.0045, 0.3043, 0.3523 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

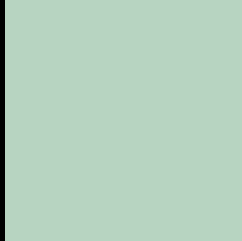
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.0045, 0.3043, 0.3523 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

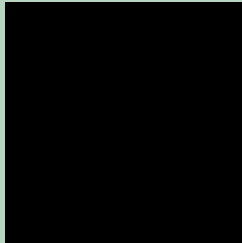
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

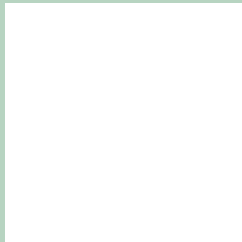
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.0045, 0.3043, 0.3523**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0045, 0.3043, 0.3523.



This preview shows how white text looks on a background with the Yxy color 61.0045, 0.3043, 0.3523.

# 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

61.0045, 0.3043, 0.3523

### Protanopia

60.8569, 0.3299, 0.3465

### Deuteranopia

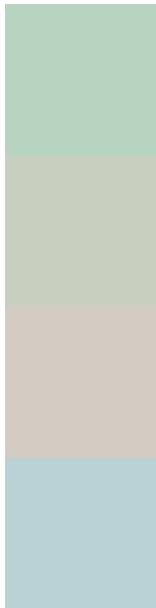
60.8677, 0.3383, 0.3313



## Tritanopia

60.6988, 0.2876, 0.3090

# Trichromacy



**Original Color**

61.0045, 0.3043, 0.3523

**Protanomaly**

60.7609, 0.3202, 0.3493

**Deuteranomaly**

60.6491, 0.3255, 0.3383

**Tritanomaly**

60.8441, 0.2933, 0.3242

# Monochromacy



**Original Color**

61.0045, 0.3043, 0.3523

**Achromatopsia**

58.4078, 0.3127, 0.3290

**Achromatomaly**

59.2092, 0.3093, 0.3374

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0045, 0.3043, 0.3523 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(183, 212, 193)` looks like.

```
.text, #text, p{  
    color:rgb(183, 212, 193)  
}
```

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(183, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 212, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0045, 0.3043, 0.3523 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(183, 212, 193) }
```

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

```
.border{ border-color:rgb(183, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(183, 212,  
193) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0045, 0.3043, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 212, 193) }
```

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

```
.background{ background-color: rgb(183,  
212, 193) }
```

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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