

# Converting Colors

Yxy(61.1641, 0.3182, 0.3541)

Have a look what the booklet for  
Yxy(61.1641, 0.3182, 0.3541)  
contains.

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# Color

**Yxy(61.1021, 0.3183, 0.3543)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C5D1BC                     |
| RGB           | 197, 209, 188              |
| RGB Percent   | 77%, 82%, 74%              |
| CMY           | 0.2276, 0.1803, 0.2628     |
| CMYK          | 0.06, 0.00, 0.10, 0.18     |
| HSL           | 94°, 19%, 78%              |
| HSV           | 94°, 10%, 82%              |
| XYZ           | 54.8936, 61.1021, 56.4630  |
| YIQ           | 203.0180, -0.4110, -9.0750 |

# Conversions

## Conversions Part 2

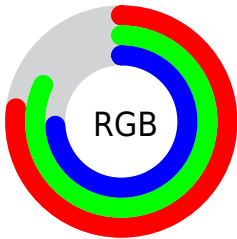
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 188, 209, 200                 |
| Decimal                             | 12964284                      |
| CIELab                              | 82.43, -7.90, 9.03            |
| CIELCh                              | 82, 11.996, 131.158           |
| Yxy                                 | 61.1021, 0.3183,<br>0.3543    |
| Android<br>(android.graphics.Color) | 4291154364<br>(0xFFC5D1BC)    |
| YUV                                 | 203.0180, -7.4039,<br>-5.2778 |
| Hunter-Lab                          | 78.1678, -11.4416,<br>11.8905 |

# Details

The Yxy color **61.1021, 0.3183, 0.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8442, 0.3066, 0.3039**, and the grayscale version is **59.7773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1225, 0.3185, 0.3396**, and **31.0316, 0.3192, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **58.7151, 0.3237, 0.3817**, and if you desaturate by 10%, it is **63.7534, 0.3128, 0.3292**.

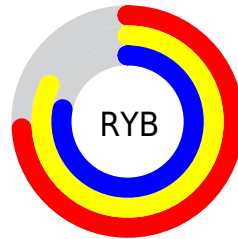
# Distribution



Red (77%)

Green (82%)

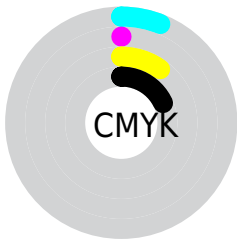
Blue (74%)



Red (74%)

Yellow (82%)

Blue (78%)

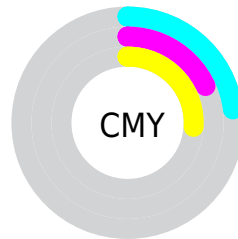


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (23%)

Magenta (18%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1021, 0.3183, 0.3543 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 61.1021, 0.3183, 0.3543 by changing the saturation by 10% instead.




 61.1021, 0.3183,  
0.3543

 61.1021, 0.3183,  
0.3543


428.6483, 0.3157,  
0.3421

 44.3076, 0.3189,  
0.3572


 106.4268, 0.3174,  
0.3499

 30.9124, 0.3196,  
0.3610


135.7257, 0.3171,  
0.3483

 20.5321, 0.3205,  
0.3658


169.9615, 0.3168,  
0.3469

 12.7824, 0.3217,  
0.3724

209.5187, 0.3165,  
0.3456

 7.2789, 0.3233,  
0.3818

254.7815, 0.3163,  
0.3446

 3.6371, 0.3255,  
0.3964

306.1345, 0.3161,

 1.4727, 0.3288,

0.3436

0.4224

363.9619, 0.3159,  
0.3428

0.2694, 0.1903,  
0.8097

0.0000, 0.0000,  
0.0000

61.1021, 0.3183,  
0.3543

61.1021, 0.3183,  
0.3543

58.7151, 0.3237,  
0.3817

63.7534, 0.3128,  
0.3292

56.5758, 0.3288,  
0.4111

66.6692, 0.3073,  
0.3064

54.6779, 0.3331,  
0.4417

69.8598, 0.3020,  
0.2861

53.0118, 0.3363,  
0.4726

72.2182, 0.3076,  
0.2831

■ 51.5668, 0.3381,  
0.5022

■ 74.0898, 0.3148,  
0.2841

■ 50.3318, 0.3380,  
0.5290

■ 49.2939, 0.3360,  
0.5512

■ 48.4386, 0.3320,  
0.5678

■ 47.7464, 0.3267,  
0.5788

# Harmonies

## Analogous

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



61.1021, 0.3324, 0.3555



61.1021, 0.3183, 0.3543



61.1021, 0.3030, 0.3458

# Triad

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



61.1021, 0.3183, 0.3543



61.1021, 0.2848, 0.3080



61.1021, 0.3354, 0.3250

# Complementary

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



61.1021, 0.3183, 0.3543



52.8442, 0.3066, 0.3039

# 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.



61.1021, 0.3221, 0.3131



61.1021, 0.3183, 0.3543



61.1021, 0.2930, 0.3033

# Square

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



61.1021, 0.3183, 0.3543



61.1021, 0.2839, 0.3186



61.1021, 0.3066, 0.3052



61.1021, 0.3425, 0.3383



# Rectangle

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



61.1021, 0.3183, 0.3543



61.1021, 0.2941, 0.3372



61.1021, 0.3066, 0.3052



61.1021, 0.3315, 0.3208

# Sweetspot

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



61.1047, 0.3183, 0.3543



98.6952, 0.3144, 0.3364



58.4499, 0.3288, 0.3431



21.0516, 0.3149, 0.3384



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.



61.1047, 0.3183, 0.3543



95.0086, 0.3194, 0.3598



59.9887, 0.3105, 0.3531



13.4495, 0.3179, 0.3526



29.4889, 0.3277, 0.5780



1.6952, 0.3424, 0.5663



# Inverse Universe

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



52.8442, 0.3066, 0.3039



79.6119, 0.3052, 0.2985



54.0491, 0.3149, 0.3061



11.7472, 0.3071, 0.3056



5.3486, 0.2179, 0.0974



0.3453, 0.2364, 0.1076



# Previews

## White Background



This preview shows how the Yxy color 61.1021, 0.3183, 0.3543 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

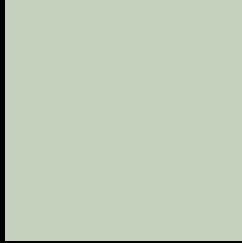
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.1021, 0.3183, 0.3543 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

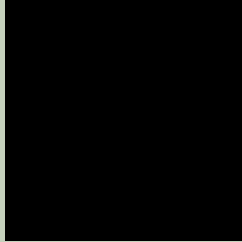
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

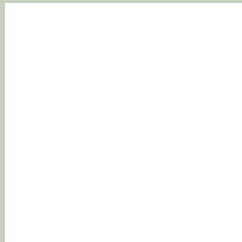
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.1021, 0.3183, 0.3543**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.1021, 0.3183, 0.3543.



This preview shows how white text looks on a background with the Yxy color 61.1021, 0.3183, 0.3543.

# 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

61.1021, 0.3183, 0.3543

### Protanopia

60.8346, 0.3336, 0.3512

### Deuteranopia

60.9289, 0.3446, 0.3380



## Tritanopia

60.9096, 0.3001, 0.3105

# Trichromacy



## Original Color

61.1021, 0.3183, 0.3543

## Protanomaly

60.9532, 0.3278, 0.3526

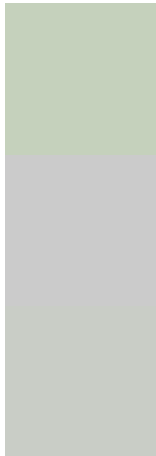
## Deuteranomaly

60.8206, 0.3349, 0.3440

## Tritanomaly

60.9760, 0.3068, 0.3266

# Monochromacy



## Original Color

61.1021, 0.3183, 0.3543

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

60.1574, 0.3146, 0.3373

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.1021, 0.3183, 0.3543 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(197, 209, 188)` looks like.

```
.text, #text, p{  
    color:rgb(197, 209, 188)  
}
```

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(197, 209, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 209, 188) }
```

## Border

The CSS property to change the border of an element to Yxy 61.1021, 0.3183, 0.3543 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(197, 209, 188) }
```

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

```
.border{ border-color:rgb(197, 209, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 209, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 209, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 209, 188); box-shadow:4px 4px 4px 4px rgb(197, 209, 188) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.1021, 0.3183, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 209, 188) }
```

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

```
.background{ background-color: rgb(197,  
209, 188) }
```

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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