

# Converting Colors

Yxy(61.3276, 0.3190, 0.3517)

Have a look what the booklet for  
Yxy(61.3276, 0.3190, 0.3517)  
contains.

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# Color

**Yxy(61.4607, 0.3184, 0.3517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7D1BE
RGB	199, 209, 190
RGB Percent	78%, 82%, 75%
CMY	0.2197, 0.1803, 0.2549
CMYK	0.05, 0.00, 0.09, 0.18
HSL	92°, 17%, 78%
HSV	92°, 9%, 82%
XYZ	55.6414, 61.4607, 57.6511
YIQ	203.8440, 0.1390, -8.0290

# Conversions

## Conversions Part 2

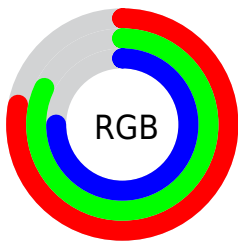
Format	Color
<a href="#">RYB</a>	<a href="#">190, 209, 200</a>
Decimal	<a href="#">13095358</a>
CIELab	<a href="#">82.63, -6.84, 8.24</a>
CIELCh	<a href="#">83, 10.713, 129.687</a>
Yxy	<a href="#">61.4607, 0.3184, 0.3517</a>
Android (android.graphics.Color)	<a href="#">4291285438</a> ( <a href="#">0xFFC7D1BE</a> )
YUV	<a href="#">203.8440, -6.8251, -4.2482</a>
Hunter-Lab	<a href="#">78.3969, -10.5059, 11.2774</a>

# Details

The Yxy color **61.4607, 0.3184, 0.3517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7236, 0.3066, 0.3064**, and the grayscale version is **60.3222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **31.2686, 0.3193, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **59.1566, 0.3246, 0.3788**, and if you desaturate by 10%, it is **64.0110, 0.3122, 0.3268**.

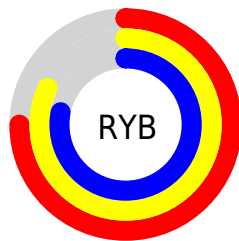
# Distribution



Red (78%)

Green (82%)

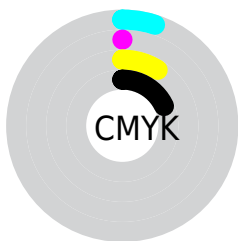
Blue (75%)



Red (75%)

Yellow (82%)

Blue (78%)

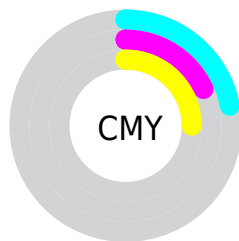


Cyan (5%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (22%)

Magenta (18%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4607, 0.3184, 0.3517 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 61.4607, 0.3184, 0.3517 by changing the saturation by 10% instead.



 61.4607, 0.3184,  
0.3517

 61.4607, 0.3184,  
0.3517


429.9612, 0.3158,  
0.3407

 44.5971, 0.3190,  
0.3543


 106.9457, 0.3175,  
0.3478

 31.1402, 0.3198,  
0.3576


136.3359, 0.3171,  
0.3463

 20.7056, 0.3207,  
0.3620


170.6704, 0.3168,  
0.3450

 12.9090, 0.3219,  
0.3678

210.3335, 0.3165,  
0.3439

 7.3659, 0.3236,  
0.3761

255.7098, 0.3163,  
0.3430

 3.6920, 0.3260,  
0.3890

307.1836, 0.3161,

 1.5028, 0.3296,

0.3422

0.4115

365.1392, 0.3159,  
0.3414

0.2907, 0.2732,  
0.7268

0.0000, 0.0000,  
0.0000

61.4607, 0.3184,  
0.3517

61.4607, 0.3184,  
0.3517

59.1566, 0.3246,  
0.3788

64.0110, 0.3122,  
0.3268

57.0829, 0.3304,  
0.4076


66.8071, 0.3060,  
0.3043


55.2339, 0.3355,  
0.4377

69.8587, 0.3001,  
0.2840

53.6006, 0.3396,  
0.4680


71.9148, 0.3064,  
0.2829


 52.1736, 0.3421,  
0.4971


 73.9431, 0.3143,  
0.2840

 50.9423, 0.3428,  
0.5234

 74.0880, 0.3148,  
0.2841

 49.8949, 0.3414,  
0.5456

 49.0182, 0.3378,  
0.5623

 48.2917, 0.3327,  
0.5735

# Harmonies

## Analogous

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



61.4607, 0.3308, 0.3525



61.4607, 0.3184, 0.3517



61.4607, 0.3047, 0.3444

# Triad

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



61.4607, 0.3184, 0.3517



61.4607, 0.2876, 0.3106



61.4607, 0.3324, 0.3249

# Complementary

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



61.4607, 0.3184, 0.3517



53.7236, 0.3066, 0.3064

# 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.



61.4607, 0.3205, 0.3143



61.4607, 0.3184, 0.3517



61.4607, 0.2946, 0.3061

# Square

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



61.4607, 0.3184, 0.3517



61.4607, 0.2871, 0.3203



61.4607, 0.3066, 0.3075



61.4607, 0.3391, 0.3368



# Rectangle

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



61.4607, 0.3184, 0.3517



61.4607, 0.2966, 0.3369



61.4607, 0.3066, 0.3075



61.4607, 0.3289, 0.3211

# Sweetspot

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



61.4634, 0.3184, 0.3517



98.7577, 0.3146, 0.3364



58.5052, 0.3272, 0.3406



21.0684, 0.3151, 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.



61.4634, 0.3184, 0.3517



95.6175, 0.3197, 0.3570



60.2886, 0.3114, 0.3518



13.4754, 0.3186, 0.3525



29.7910, 0.3332, 0.5736



1.7128, 0.3476, 0.5622



# Inverse Universe

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



53.7236, 0.3066, 0.3064



80.9700, 0.3051, 0.3011



54.9776, 0.3140, 0.3072



11.7210, 0.3064, 0.3056



4.9626, 0.2087, 0.0923

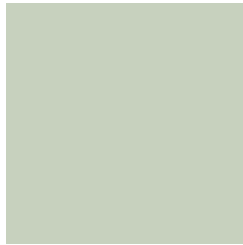


0.3245, 0.2283, 0.1031



# Previews

## White Background



This preview shows how the Yxy color 61.4607, 0.3184, 0.3517 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 61.4607, 0.3184, 0.3517 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

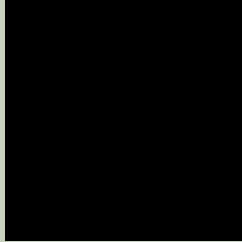
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

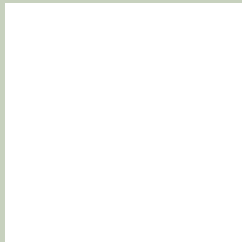
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.4607, 0.3184, 0.3517**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.4607, 0.3184, 0.3517.



This preview shows how white text looks on a background with the Yxy color 61.4607, 0.3184, 0.3517.

# 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

61.4607, 0.3184, 0.3517

### Protanopia

61.4396, 0.3312, 0.3488

### Deuteranopia

61.0169, 0.3431, 0.3358



## Tritanopia

61.7205, 0.3009, 0.3107

# Trichromacy



## Original Color

61.4607, 0.3184, 0.3517

## Protanomaly

61.2266, 0.3264, 0.3490

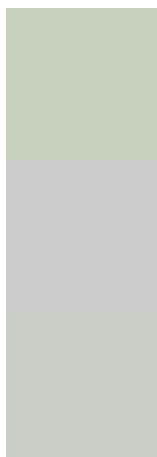
## Deuteranomaly

61.0627, 0.3342, 0.3417

## Tritanomaly

61.3523, 0.3069, 0.3243

# Monochromacy



## Original Color

61.4607, 0.3184, 0.3517

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.8227, 0.3146, 0.3373

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.4607, 0.3184, 0.3517 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(199, 209, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 209, 190)  
}
```

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(199, 209, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 209, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 61.4607, 0.3184, 0.3517 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(199, 209, 190) }
```

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

```
.border{ border-color:rgb(199, 209, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 209, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 209, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 209, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 209,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.4607, 0.3184, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 209, 190) }
```

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

```
.background{ background-color: rgb(199,  
209, 190) }
```

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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