

# Converting Colors

Yxy(60.9019, 0.3191, 0.3550)

Have a look what the booklet for  
Yxy(60.9019, 0.3191, 0.3550)  
contains.

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# Color

**Yxy(61.0591, 0.3190, 0.3555)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D1BB
RGB	197, 209, 187
RGB Percent	77%, 82%, 73%
CMY	0.2276, 0.1803, 0.2667
CMYK	0.06, 0.00, 0.11, 0.18
HSL	93°, 19%, 78%
HSV	93°, 11%, 82%
XYZ	54.7900, 61.0591, 55.9064
YIQ	202.9040, -0.0900, -9.3860

# Conversions

## Conversions Part 2

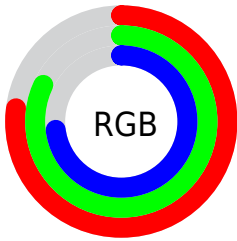
Format	Color
<a href="#">RYB</a>	<a href="#">187, 209, 199</a>
Decimal	<a href="#">12964283</a>
CIELab	<a href="#">82.41, -8.06, 9.52</a>
CIElCh	<a href="#">82, 12.474, 130.239</a>
Yxy	<a href="#">61.0591, 0.3190, 0.3555</a>
Android (android.graphics.Color)	<a href="#">4291154363 (0xFFC5D1BB)</a>
YUV	<a href="#">202.9040, -7.8407, -5.1778</a>
Hunter-Lab	<a href="#">78.1403, -11.5859, 12.2785</a>

# Details

The Yxy color **61.0591, 0.3190, 0.3555** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2880, 0.3058, 0.3027**, and the grayscale version is **59.7064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0619, 0.3191, 0.3405**, and **31.0036, 0.3201, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **58.7463, 0.3248, 0.3829**, and if you desaturate by 10%, it is **63.6244, 0.3130, 0.3303**.

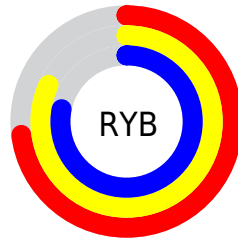
# Distribution



Red (77%)

Green (82%)

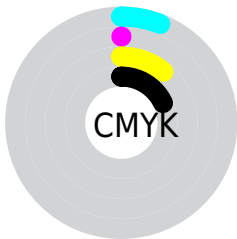
Blue (73%)



Red (73%)

Yellow (82%)

Blue (78%)

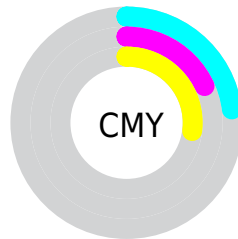


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (18%)



Cyan (23%)

Magenta (18%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0591, 0.3190, 0.3555 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 61.0591, 0.3190, 0.3555 by changing the saturation by 10% instead.




 61.0591, 0.3190,  
0.3555

 61.0591, 0.3190,  
0.3555


428.4907, 0.3161,  
0.3427

 44.2729, 0.3197,  
0.3586


 106.3645, 0.3180,  
0.3509

 30.8851, 0.3205,  
0.3625


135.6525, 0.3176,  
0.3492

 20.5114, 0.3215,  
0.3676


169.8765, 0.3173,  
0.3477

 12.7673, 0.3228,  
0.3745

209.4209, 0.3170,  
0.3464

 7.2685, 0.3246,  
0.3844

254.6701, 0.3167,  
0.3453

 3.6306, 0.3271,  
0.3997

306.0085, 0.3165,

 1.4691, 0.3312,

0.3443

0.4273

363.8206, 0.3163,  
0.3434

0.2669, 0.1758,  
0.8242

0.0000, 0.0000,  
0.0000

61.0591, 0.3190,  
0.3555

61.0591, 0.3190,  
0.3555

58.7463, 0.3248,  
0.3829

63.6244, 0.3130,  
0.3303

56.6700, 0.3303,  
0.4122

66.4420, 0.3071,  
0.3074


54.8241, 0.3350,  
0.4425


69.5220, 0.3014,  
0.2869

53.1992, 0.3386,  
0.4730


71.8257, 0.3060,  
0.2829

 51.7854, 0.3406,  
0.5021

 73.9190, 0.3142,  
0.2840

 50.5718, 0.3408,  
0.5282

 74.0874, 0.3148,  
0.2841

 49.5461, 0.3389,  
0.5499

 48.6942, 0.3349,  
0.5659

 48.0265, 0.3299,  
0.5762

# Harmonies

## Analogous

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



61.0591, 0.3336, 0.3565



61.0591, 0.3190, 0.3555



61.0591, 0.3030, 0.3468

# Triad

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



61.0591, 0.3190, 0.3555



61.0591, 0.2835, 0.3074



61.0591, 0.3359, 0.3245

# Complementary

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



61.0591, 0.3190, 0.3555



52.2880, 0.3058, 0.3027

# 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.



61.0591, 0.3220, 0.3121



61.0591, 0.3190, 0.3555



61.0591, 0.2918, 0.3023

# Square

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



61.0591, 0.3190, 0.3555



61.0591, 0.2828, 0.3185



61.0591, 0.3058, 0.3041



61.0591, 0.3436, 0.3382



# Rectangle

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



61.0591, 0.3190, 0.3555



61.0591, 0.2937, 0.3380



61.0591, 0.3058, 0.3041



61.0591, 0.3318, 0.3200

# Sweetspot

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



61.0617, 0.3190, 0.3555



98.7324, 0.3145, 0.3364



57.8706, 0.3297, 0.3429



21.0616, 0.3150, 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.



61.0617, 0.3190, 0.3555



94.7691, 0.3205, 0.3625



59.7903, 0.3109, 0.3552



13.4649, 0.3183, 0.3525



29.6645, 0.3310, 0.5754



1.7055, 0.3455, 0.5639



# Inverse Universe

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



52.2880, 0.3058, 0.3027



77.9036, 0.3040, 0.2958



53.6625, 0.3145, 0.3041



11.7316, 0.3066, 0.3056



5.1143, 0.2124, 0.0944

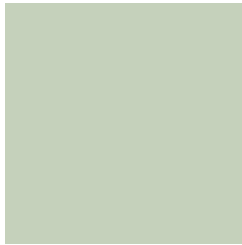


0.3328, 0.2315, 0.1049



# Previews

## White Background



This preview shows how the Yxy color 61.0591, 0.3190, 0.3555 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

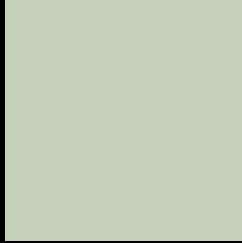
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.0591, 0.3190, 0.3555 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

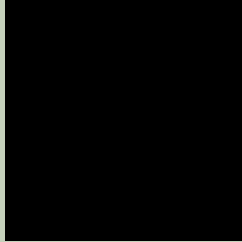
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

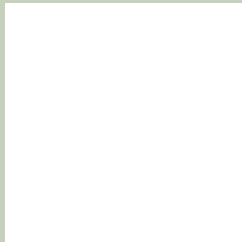
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.0591, 0.3190, 0.3555**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0591, 0.3190, 0.3555.



This preview shows how white text looks on a background with the Yxy color 61.0591, 0.3190, 0.3555.

# 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

61.0591, 0.3190, 0.3555

### Protanopia

60.7926, 0.3344, 0.3524

### Deuteranopia

60.8853, 0.3454, 0.3391



## Tritanopia

60.9096, 0.3001, 0.3105

# Trichromacy



## Original Color

61.0591, 0.3190, 0.3555

## Protanomaly

60.9108, 0.3286, 0.3538

## Deuteranomaly

60.7773, 0.3357, 0.3452

## Tritanomaly

60.9760, 0.3068, 0.3266

# Monochromacy



## Original Color

61.0591, 0.3190, 0.3555

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

60.1114, 0.3153, 0.3385

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0591, 0.3190, 0.3555 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(197, 209, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 209, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0591, 0.3190, 0.3555 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, 187) }
```

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

```
.border{ border-color:rgb(197, 209, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 209, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 209, 187); box-shadow:4px 4px 4px 4px rgb(197, 209, 187) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0591, 0.3190, 0.3555 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, 187) }
```

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

```
.background{ background-color: rgb(197,  
209, 187) }
```

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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