

# Converting Colors

Yxy(61.5899, 0.3166, 0.3611)

Have a look what the booklet for  
Yxy(61.5899, 0.3166, 0.3611)  
contains.

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# Color

**Yxy(61.7962, 0.3164, 0.3618)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0D4B9
RGB	192, 212, 185
RGB Percent	75%, 83%, 73%
CMY	0.2469, 0.1686, 0.2746
CMYK	0.09, 0.00, 0.13, 0.17
HSL	104°, 24%, 78%
HSV	104°, 13%, 83%
XYZ	54.0418, 61.7962, 54.9641
YIQ	202.9420, -3.2530, -12.6370

# Conversions

## Conversions Part 2

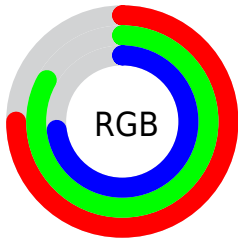
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 212, 205
Decimal	12637369
CIELab	82.80, -11.66, 11.11
CIELCh	83, 16.104, 136.393
Yxy	61.7962, 0.3164, 0.3618
Android (android.graphics.Color)	4290827449 (0xFFC0D4B9)
YUV	202.9420, -8.8454, -9.5961
Hunter-Lab	78.6106, -14.8565, 13.5721

# Details

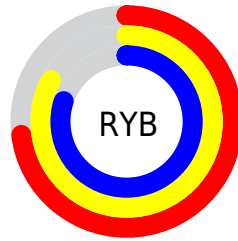
The Yxy color **61.7962, 0.3164, 0.3618** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4126, 0.3084, 0.2972**, and the grayscale version is **59.7439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8273, 0.3164, 0.3426**, and **31.1832, 0.3167, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **59.0315, 0.3190, 0.3906**, and if you desaturate by 10%, it is **64.9174, 0.3135, 0.3357**.

# Distribution



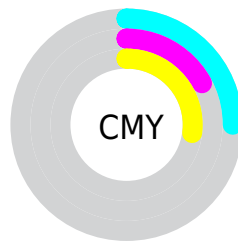
- Red (75%)
- Green (83%)
- Blue (73%)



- Red (73%)
- Yellow (83%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)




- Cyan (25%)
- Magenta (17%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7962, 0.3164, 0.3618 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 61.7962, 0.3164, 0.3618 by changing the saturation by 10% instead.




 61.7962, 0.3164,  
0.3618

 61.7962, 0.3164,  
0.3618


431.1873, 0.3148,  
0.3459

 44.8680, 0.3167,  
0.3656

 107.4309, 0.3159,  
0.3561

 31.3535, 0.3171,  
0.3705


136.9063, 0.3157,  
0.3539

 20.8682, 0.3176,  
0.3769


171.3328, 0.3155,  
0.3521

 13.0277, 0.3181,  
0.3855

211.0950, 0.3153,  
0.3505

 7.4476, 0.3187,  
0.3979

256.5771, 0.3152,  
0.3491

 3.7436, 0.3193,  
0.4172


308.1636, 0.3150,

 1.5312, 0.3202,


0.3479


0.4529


366.2389, 0.3149,  
0.3468


 0.3105, 0.0327,  
0.9673


 0.0000, 0.0000,  
0.0000


 61.7962, 0.3164,  
0.3618


 61.7962, 0.3164,  
0.3618


 59.0315, 0.3190,  
0.3906


 64.9174, 0.3135,  
0.3357


 56.6027, 0.3213,  
0.4218

 68.3992, 0.3106,  
0.3124

 54.4990, 0.3228,  
0.4546

 72.2556, 0.3076,  
0.2918

 52.7060, 0.3234,  
0.4876

 75.5090, 0.3145,  
0.2870

■ 51.2081, 0.3229,  
0.5190

■ 75.5668, 0.3147,  
0.2871

■ 49.9884, 0.3210,  
0.5469

■ 49.0279, 0.3179,  
0.5691

■ 48.3050, 0.3137,  
0.5844

■ 47.9085, 0.3105,  
0.5917

# Harmonies

## Analogous

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



61.7962, 0.3360, 0.3651



61.7962, 0.3164, 0.3618



61.7962, 0.2963, 0.3488

# Triad

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



61.7962, 0.3164, 0.3618



61.7962, 0.2768, 0.2992



61.7962, 0.3455, 0.3266

# Complementary

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



61.7962, 0.3164, 0.3618



52.4126, 0.3084, 0.2972

# 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.



61.7962, 0.3287, 0.3103



61.7962, 0.3164, 0.3618



61.7962, 0.2891, 0.2946

# Square

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



61.7962, 0.3164, 0.3618



61.7962, 0.2739, 0.3119



61.7962, 0.3080, 0.2988



61.7962, 0.3532, 0.3440



# Rectangle

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



61.7962, 0.3164, 0.3618



61.7962, 0.2852, 0.3366



61.7962, 0.3080, 0.2988



61.7962, 0.3407, 0.3209

# Sweetspot

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



61.7989, 0.3164, 0.3618



97.9587, 0.3139, 0.3389



61.0625, 0.3327, 0.3522



20.8872, 0.3141, 0.3408



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

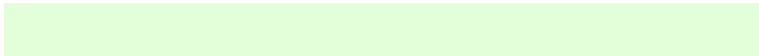


# Same Dimension

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



61.7989, 0.3164, 0.3618



92.8044, 0.3171, 0.3685



61.1720, 0.3069, 0.3544



14.0511, 0.3155, 0.3528



29.6179, 0.3113, 0.5910



1.8266, 0.3240, 0.5809



# Inverse Universe

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



52.4126, 0.3084, 0.2972



76.1323, 0.3075, 0.2910



53.1261, 0.3191, 0.3049



12.4620, 0.3097, 0.3057



7.3896, 0.2560, 0.1184



0.4846, 0.2677, 0.1248



# Previews

## White Background



This preview shows how the Yxy color 61.7962, 0.3164, 0.3618 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

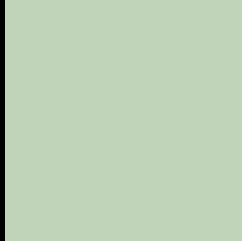
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.7962, 0.3164, 0.3618 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

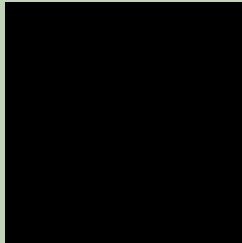
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

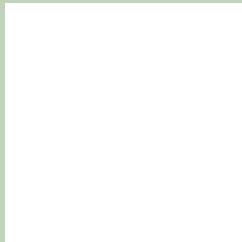
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.7962, 0.3164, 0.3618**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.7962, 0.3164, 0.3618.



This preview shows how white text looks on a background with the Yxy color 61.7962, 0.3164, 0.3618.

# 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

61.7962, 0.3164, 0.3618

### Protanopia

61.4459, 0.3381, 0.3569

### Deuteranopia

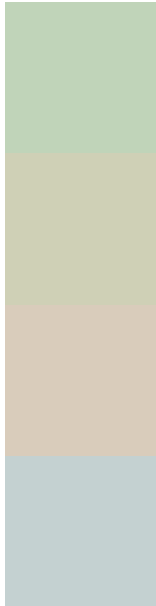
61.6335, 0.3477, 0.3413



## Tritanopia

61.9591, 0.2953, 0.3105

# Trichromacy



## Original Color

61.7962, 0.3164, 0.3618

## Protanomaly

61.7545, 0.3305, 0.3597

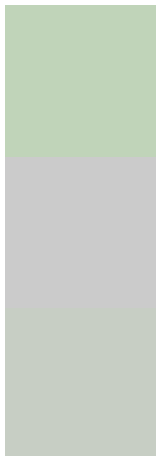
## Deuteranomaly

61.5253, 0.3353, 0.3486

## Tritanomaly

61.9401, 0.3031, 0.3290

# Monochromacy



## Original Color

61.7962, 0.3164, 0.3618

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

60.2702, 0.3144, 0.3409

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.7962, 0.3164, 0.3618 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(192, 212, 185)` looks like.

```
.text, #text, p{  
    color:rgb(192, 212, 185)  
}
```

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(192, 212, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 61.7962, 0.3164, 0.3618 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(192, 212, 185) }
```

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

```
.border{ border-color:rgb(192, 212, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 212, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 185);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
185) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.7962, 0.3164, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 185) }
```

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

```
.background{ background-color: rgb(192,  
212, 185) }
```

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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