

# Converting Colors

$Yxy(62.0948, 0.3263, 0.3757)$

Have a look what the booklet for  
Yxy(62.0948, 0.3263, 0.3757)  
contains.

<b>Yxy(62.2466, 0.3261, 0.3763)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(62.2466, 0.3261, 0.3763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3D5AE
RGB	195, 213, 174
RGB Percent	76%, 84%, 68%
CMY	0.2353, 0.1647, 0.3175
CMYK	0.08, 0.00, 0.18, 0.16
HSL	88°, 32%, 76%
HSV	88°, 18%, 84%
XYZ	53.9426, 62.2466, 49.2282
YIQ	203.1720, 1.7910, -15.9450

# Conversions

## Conversions Part 2

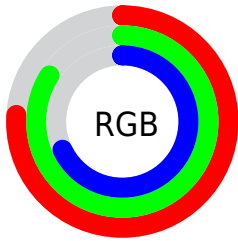
Format	Color
<a href="#">RYB</a>	<a href="#">174, 213, 192</a>
Decimal	<a href="#">12834222</a>
CIELab	<a href="#">83.04, -12.95, 17.26</a>
CIELCh	<a href="#">83, 21.579, 126.866</a>
Yxy	<a href="#">62.2466, 0.3261, 0.3763</a>
Android (android.graphics.Color)	<a href="#">4291024302</a> ( <a href="#">0xFFC3D5AE</a> )
YUV	<a href="#">203.1720, -14.3818, -7.1668</a>
Hunter-Lab	<a href="#">78.8965, -16.0260, 18.2330</a>

# Details

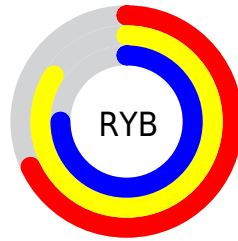
The Yxy color **62.2466, 0.3261, 0.3763** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.2955, 0.2972, 0.2814**, and the grayscale version is **59.9288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9286, 0.3254, 0.3534**, and **31.4969, 0.3295, 0.3892** is the 20% darker color. If you saturate the color by 10%, you get **60.2158, 0.3331, 0.4046**, and if you desaturate by 10%, it is **64.5008, 0.3188, 0.3496**.

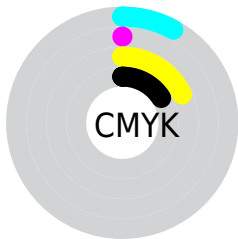
# Distribution



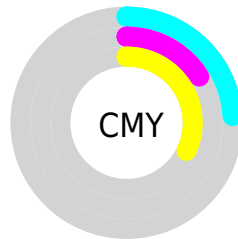
- Red (76%)
- Green (84%)
- Blue (68%)



- Red (68%)
- Yellow (84%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2466, 0.3261, 0.3763 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 62.2466, 0.3261, 0.3763 by changing the saturation by 10% instead.



■ 62.2466, 0.3261,  
0.3763

■ 62.2466, 0.3261,  
0.3763

432.8300, 0.3200,  
0.3533

■ 45.2320, 0.3274,  
0.3819

■ 108.0819, 0.3240,  
0.3681

■ 31.6402, 0.3291,  
0.3889

137.6713, 0.3232,  
0.3649

■ 21.0868, 0.3311,  
0.3981

172.2211, 0.3225,  
0.3623

■ 13.1875, 0.3336,  
0.4105

212.1157, 0.3219,  
0.3600

■ 7.5578, 0.3367,  
0.4282

257.7396, 0.3213,  
0.3580

■ 3.8133, 0.3406,  
0.4555

309.4769, 0.3208,

■ 1.5697, 0.3572,

0.3562

367.7123, 0.3204,  
0.3547

0.5214

0.3370, 0.0126,  
0.9874

0.0000, 0.0000,  
0.0000

62.2466, 0.3261,  
0.3763

62.2466, 0.3261,  
0.3763

60.2158, 0.3331,  
0.4046

64.5008, 0.3188,  
0.3496

58.3926, 0.3395,  
0.4340

66.9778, 0.3115,  
0.3250

56.7711, 0.3447,  
0.4633

69.6871, 0.3043,  
0.3025

55.3424, 0.3484,  
0.4915

72.3604, 0.3002,  
0.2862

■ 54.0966, 0.3502,  
0.5169

■ 74.0748, 0.3070,  
0.2871

■ 53.0224, 0.3497,  
0.5383

■ 75.8831, 0.3139,  
0.2880

■ 52.1072, 0.3469,  
0.5546

■ 76.0695, 0.3146,  
0.2881

■ 51.3328, 0.3422,  
0.5655

■ 51.2108, 0.3413,  
0.5672

# Harmonies

## Analogous

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



62.2466, 0.3507, 0.3757



62.2466, 0.3261, 0.3763



62.2466, 0.2987, 0.3625

# Triad

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



62.2466, 0.3261, 0.3763



62.2466, 0.2625, 0.2933



62.2466, 0.3505, 0.3184

# Complementary

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



62.2466, 0.3261, 0.3763



46.2955, 0.2972, 0.2814

# 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.



62.2466, 0.3253, 0.2986



62.2466, 0.3261, 0.3763



62.2466, 0.2749, 0.2841

# Square

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



62.2466, 0.3261, 0.3763



62.2466, 0.2628, 0.3129



62.2466, 0.2976, 0.2863



62.2466, 0.3654, 0.3413



# Rectangle

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



62.2466, 0.3261, 0.3763



62.2466, 0.2825, 0.3472



62.2466, 0.2976, 0.2863



62.2466, 0.3429, 0.3112

# Sweetspot

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



62.2493, 0.3261, 0.3763



98.1063, 0.3164, 0.3414



54.7119, 0.3444, 0.3500



20.9433, 0.3169, 0.3432



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

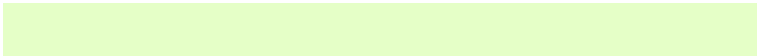


# Same Dimension

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



62.2493, 0.3261, 0.3763



92.3129, 0.3289, 0.3873



59.8736, 0.3118, 0.3784



14.2218, 0.3196, 0.3525



31.3426, 0.3423, 0.5664



1.9394, 0.3550, 0.5563



# Inverse Universe

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



46.2955, 0.2972, 0.2814



63.9967, 0.2933, 0.2703



48.9429, 0.3132, 0.2837



12.2868, 0.3053, 0.3054



4.5919, 0.1957, 0.0852

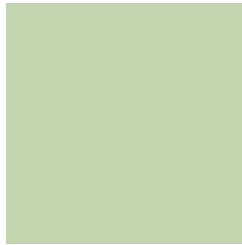


0.3259, 0.2150, 0.0958



# Previews

## White Background



This preview shows how the Yxy color 62.2466, 0.3261, 0.3763 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 62.2466, 0.3261, 0.3763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

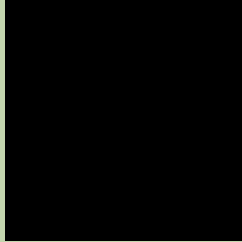
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

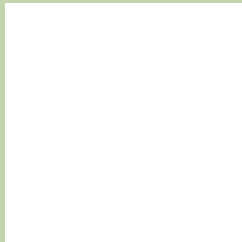
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.2466, 0.3261, 0.3763**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.2466, 0.3261, 0.3763.



This preview shows how white text looks on a background with the Yxy color 62.2466, 0.3261, 0.3763.

# 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

62.2466, 0.3261, 0.3763

### Protanopia

61.9883, 0.3478, 0.3695

### Deuteranopia

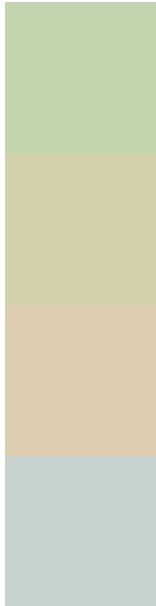
62.0257, 0.3605, 0.3533



## Tritanopia

62.0269, 0.2981, 0.3095

# Trichromacy



**Original Color**

62.2466, 0.3261, 0.3763

**Protanomaly**

62.2811, 0.3399, 0.3726

**Deuteranomaly**

61.8499, 0.3477, 0.3611

**Tritanomaly**

62.1508, 0.3080, 0.3337

# Monochromacy



**Original Color**

62.2466, 0.3261, 0.3763

**Achromatopsia**

59.7202, 0.3127, 0.3290

**Achromatomaly**

60.7108, 0.3180, 0.3469

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.2466, 0.3261, 0.3763 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(195, 213, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 174)  
}
```

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(195, 213, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 62.2466, 0.3261, 0.3763 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(195, 213, 174) }
```

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

```
.border{ border-color:rgb(195, 213, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 213, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 213, 174); box-shadow:4px 4px 4px 4px rgb(195, 213, 174) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.2466, 0.3261, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 174) }
```

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

```
.background{ background-color: rgb(195,  
213, 174) }
```

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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