

# Converting Colors

Yxy(65.8093, 0.3169, 0.3363)

Have a look what the booklet for  
Yxy(65.8093, 0.3169, 0.3363)  
contains.

<b>Yxy(65.5402, 0.3168, 0.3358)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(65.5402, 0.3168, 0.3358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D4CE
RGB	212, 212, 206
RGB Percent	83%, 83%, 81%
CMY	0.1687, 0.1686, 0.1920
CMYK	0.00, 0.00, 0.03, 0.17
HSL	60°, 7%, 82%
HSV	60°, 3%, 83%
XYZ	61.8319, 65.5402, 67.8042
YIQ	211.3160, 1.9260, -1.8660

# Conversions

## Conversions Part 2

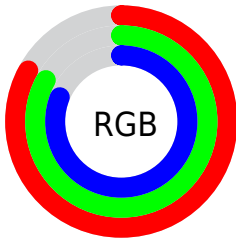
Format	Color
<b>R<sub>YB</sub></b>	206, 212, 206
Decimal	13948110
CIE Lab	84.76, -1.08, 2.94
CIE LCh	85, 3.128, 110.136
Yxy	65.5402, 0.3168, 0.3358
Android (android.graphics.Color)	4292138190 (0xFFD4D4CE)
YUV	211.3160, -2.6208, 0.5999
Hunter-Lab	80.9569, -5.3430, 7.0124

# Details

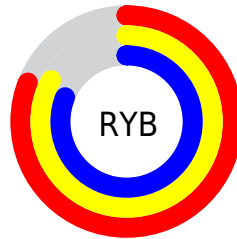
The Yxy color **65.5402, 0.3168, 0.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0450, 0.3086, 0.3221**, and the grayscale version is **65.3779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5490, 0.3173, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **64.5593, 0.3316, 0.3605**, and if you desaturate by 10%, it is **66.6658, 0.3026, 0.3121**.

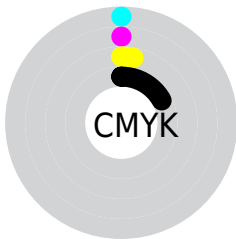
# Distribution



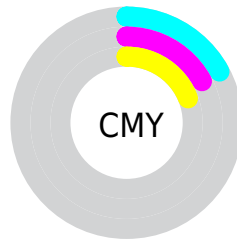
- Red (83%)
- Green (83%)
- Blue (81%)



- Red (81%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5402, 0.3168, 0.3358 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 65.5402, 0.3168, 0.3358 by changing the saturation by 10% instead.



■ 65.5402, 0.3168,  
0.3358

■ 65.5402, 0.3168,  
0.3358

444.7307, 0.3149,  
0.3326

■ 47.8992, 0.3172,  
0.3366

112.8261, 0.3161,  
0.3347

■ 33.7471, 0.3178,  
0.3375

143.2399, 0.3159,  
0.3342

■ 22.6994, 0.3185,  
0.3387

178.6801, 0.3156,  
0.3339

■ 14.3717, 0.3195,  
0.3403

219.5310, 0.3155,  
0.3335

■ 8.3796, 0.3208,  
0.3425

266.1772, 0.3153,  
0.3333

■ 4.3388, 0.3228,  
0.3459

319.0029, 0.3151,

■ 1.8648, 0.3260,

0.3330

0.3515

378.3926, 0.3150,  
0.3328

0.5271, 0.3464,  
0.3846

0.0000, 0.0000,  
0.0000

65.5402, 0.3168,  
0.3358

65.5402, 0.3168,  
0.3358

64.5593, 0.3316,  
0.3605

66.6658, 0.3026,  
0.3121

63.7091, 0.3467,  
0.3856

67.9327, 0.2892,  
0.2898

62.9865, 0.3615,  
0.4104

68.3700, 0.2853,  
0.2832

62.3852, 0.3756,  
0.4340

68.3916, 0.2854,  
0.2832

61.8983, 0.3884,  
0.4554

68.4132, 0.2855,  
0.2832

61.5182, 0.3992,  
0.4737

68.4349, 0.2856,  
0.2832

61.2364, 0.4077,  
0.4881

68.4566, 0.2856,  
0.2833

61.0433, 0.4136,  
0.4982

68.4783, 0.2857,  
0.2833

60.9270, 0.4169,  
0.5040

68.5000, 0.2858,  
0.2833

# Harmonies

## Analogous

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



65.5402, 0.3195, 0.3349



65.5402, 0.3168, 0.3358



65.5402, 0.3130, 0.3349

# Triad

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



65.5402, 0.3168, 0.3358



65.5402, 0.3051, 0.3255



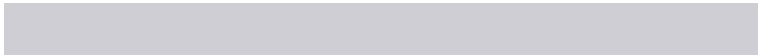
65.5402, 0.3163, 0.3258

# Complementary

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



65.5402, 0.3168, 0.3358



62.0450, 0.3086, 0.3221

# 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.



65.5402, 0.3124, 0.3233



65.5402, 0.3168, 0.3358



65.5402, 0.3060, 0.3231

# Square

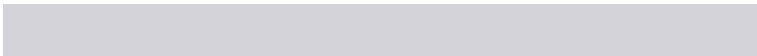
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.5402, 0.3168, 0.3358



65.5402, 0.3063, 0.3289



65.5402, 0.3086, 0.3223



65.5402, 0.3192, 0.3291



# Rectangle

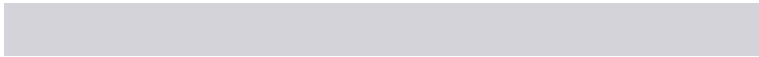
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.5402, 0.3168, 0.3358



65.5402, 0.3104, 0.3333



65.5402, 0.3086, 0.3223



65.5402, 0.3150, 0.3248

# Sweetspot

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



65.5430, 0.3168, 0.3358



99.8335, 0.3142, 0.3314



62.6151, 0.3173, 0.3290



21.3702, 0.3141, 0.3313



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.



65.5430, 0.3168, 0.3358



99.5071, 0.3171, 0.3363



65.1089, 0.3146, 0.3358



14.6420, 0.3182, 0.3381



37.5797, 0.4181, 0.5062

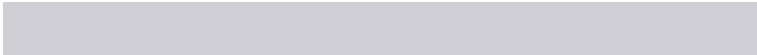


2.2681, 0.4184, 0.5060



# Inverse Universe

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



62.0450, 0.3086, 0.3221



93.8032, 0.3083, 0.3216



62.4711, 0.3108, 0.3222



13.6020, 0.3071, 0.3197



2.9421, 0.1502, 0.0601

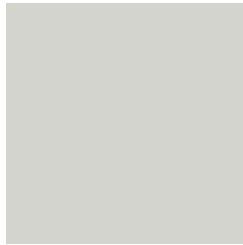


0.1789, 0.1510, 0.0605



# Previews

## White Background



This preview shows how the Yxy color 65.5402, 0.3168, 0.3358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

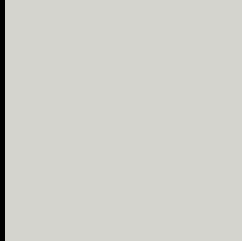
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.5402, 0.3168, 0.3358 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

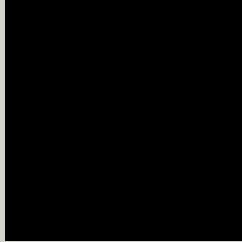
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

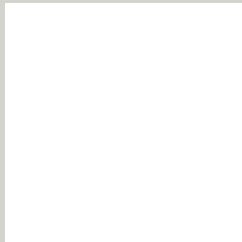
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 65.5402, 0.3168, 0.3358**

## **Background**



This preview shows how black text looks on a background with the Yxy color 65.5402, 0.3168, 0.3358.

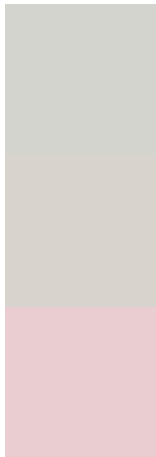


This preview shows how white text looks on a background with the Yxy color 65.5402, 0.3168, 0.3358.

# 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

65.5402, 0.3168, 0.3358

### Protanopia

65.7480, 0.3214, 0.3358

### Deuteranopia

65.5403, 0.3322, 0.3258



## Tritanopia

65.5390, 0.3055, 0.3102

# Trichromacy



## Original Color

65.5402, 0.3168, 0.3358

## Protanomaly

65.4434, 0.3199, 0.3358

## Deuteranomaly

65.6243, 0.3264, 0.3301

## Tritanomaly

65.5038, 0.3095, 0.3189

# Monochromacy



## Original Color

65.5402, 0.3168, 0.3358

## Achromatopsia

65.1406, 0.3127, 0.3290

## Achromatomaly

65.0409, 0.3141, 0.3313

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.5402, 0.3168, 0.3358 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(212, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 206)  
}
```

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(212, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 65.5402, 0.3168, 0.3358 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(212, 212, 206) }
```

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

```
.border{ border-color:rgb(212, 212, 206) }
```

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

Here you see how a box with a 4 pixel rgb(212, 212, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.5402, 0.3168, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 206) }
```

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

```
.background{ background-color: rgb(212,  
212, 206) }
```

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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