

# Converting Colors

Yxy(66.0070, 0.2949, 0.3289)

Have a look what the booklet for  
Yxy(66.0070, 0.2949, 0.3289)  
contains.

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# Color

**Yxy(65.8419, 0.2951, 0.3289)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0D9D9
RGB	192, 217, 217
RGB Percent	75%, 85%, 85%
CMY	0.2471, 0.1490, 0.1488
CMYK	0.12, 0.00, 0.00, 0.15
HSL	180°, 25%, 80%
HSV	180°, 12%, 85%
XYZ	59.0755, 65.8419, 75.2708
YIQ	209.5250, -14.9000, -5.3000

# Conversions

## Conversions Part 2

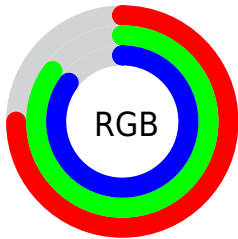
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 205, 217
Decimal	12638681
CIELab	84.92, -8.28, -2.85
CIELCh	85, 8.754, 198.995
Yxy	65.8419, 0.2951, 0.3289
Android (android.graphics.Color)	4290828761 (0xFFC0D9D9)
YUV	209.5250, 3.6852, -15.3694
Hunter-Lab	81.1430, -12.0448, 1.8009

# Details

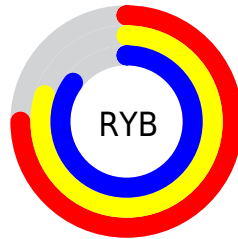
The Yxy color **65.8419, 0.2951, 0.3289** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2703, 0.3333, 0.3291**, and the grayscale version is **64.1047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **33.8526, 0.2908, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **63.2001, 0.2808, 0.3288**, and if you desaturate by 10%, it is **68.9070, 0.3103, 0.3290**.

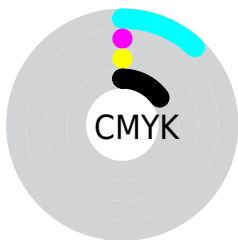
# Distribution



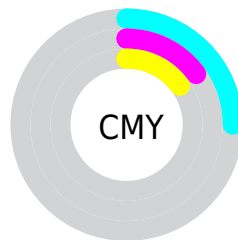
- Red (75%)
- Green (85%)
- Blue (85%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)




- Cyan (25%)
- Magenta (15%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8419, 0.2951, 0.3289 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 65.8419, 0.2951, 0.3289 by changing the saturation by 10% instead.




 65.8419, 0.2951,  
0.3289

 65.8419, 0.2951,  
0.3289


445.8113, 0.3034,  
0.3290

 48.1441, 0.2932,  
0.3289


 113.2594, 0.2980,  
0.3289

 33.9410, 0.2908,  
0.3288


143.7478, 0.2991,  
0.3290

 22.8483, 0.2877,  
0.3287


179.2686, 0.3001,  
0.3290

 14.4815, 0.2837,  
0.3286

220.2061, 0.3009,  
0.3290

 8.4563, 0.2781,  
0.3284

266.9447, 0.3016,  
0.3290

 4.3883, 0.2699,  
0.3280

319.8689, 0.3023,

 1.8931, 0.2565,

0.3290

379.3629, 0.3029,  
0.3290

0.3271

0.5442, 0.1909,  
0.3296

0.0000, 0.0000,  
0.0000

65.8419, 0.2951,  
0.3289

65.8419, 0.2951,  
0.3289

63.2001, 0.2808,  
0.3288

68.9070, 0.3103,  
0.3290

60.9551, 0.2677,  
0.3287


72.4042, 0.3261,  
0.3291


59.0902, 0.2561,  
0.3287


75.9536, 0.3407,  
0.3291


57.5840, 0.2462,  
0.3286

75.9711, 0.3407,  
0.3292


 56.4133, 0.2382,  
0.3285


 75.9886, 0.3407,  
0.3292

 55.5522, 0.2321,  
0.3284


 76.0062, 0.3406,  
0.3293


 54.9706, 0.2280,  
0.3284

 76.0237, 0.3406,  
0.3293

 54.6330, 0.2255,  
0.3283

 76.0412, 0.3406,  
0.3293

 54.4863, 0.2245,  
0.3283

 76.0588, 0.3406,  
0.3294

# Harmonies

## Analogous

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



65.8419, 0.3032, 0.3386



65.8419, 0.2951, 0.3289



65.8419, 0.2917, 0.3194

# Triad

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



65.8419, 0.2951, 0.3289



65.8419, 0.3113, 0.3130



65.8419, 0.3319, 0.3452

# Complementary

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



65.8419, 0.2951, 0.3289



56.2703, 0.3333, 0.3291

# 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.



65.8419, 0.3342, 0.3381



65.8419, 0.2951, 0.3289



65.8419, 0.3222, 0.3196

# Square

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



65.8419, 0.2951, 0.3289



65.8419, 0.3009, 0.3105



65.8419, 0.3306, 0.3287



65.8419, 0.3244, 0.3481



# Rectangle

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



65.8419, 0.2951, 0.3289



65.8419, 0.2925, 0.3145



65.8419, 0.3306, 0.3287



65.8419, 0.3333, 0.3432

# Sweetspot

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



65.8447, 0.2951, 0.3289



98.5702, 0.3080, 0.3290



64.6575, 0.3113, 0.3590



21.0184, 0.3068, 0.3290



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.



65.8447, 0.2951, 0.3289



93.8110, 0.2913, 0.3289



59.6451, 0.2948, 0.3142



14.8259, 0.2982, 0.3289



32.9692, 0.2245, 0.3283



2.1371, 0.2245, 0.3284



# Inverse Universe

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



57.4584, 0.3141, 0.3008



79.2961, 0.3144, 0.2944



61.9929, 0.3316, 0.3434



13.2745, 0.3138, 0.3060



11.9520, 0.3213, 0.1544



0.7744, 0.3212, 0.1543



# Previews

## White Background



This preview shows how the Yxy color 65.8419, 0.2951, 0.3289 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

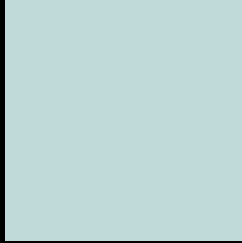
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.8419, 0.2951, 0.3289 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

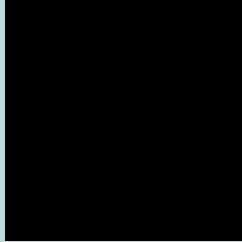
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

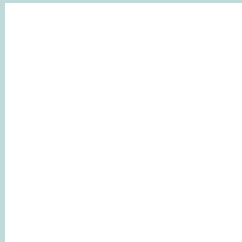
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 65.8419, 0.2951, 0.3289**

## **Background**



This preview shows how black text looks on a background with the Yxy color 65.8419, 0.2951, 0.3289.

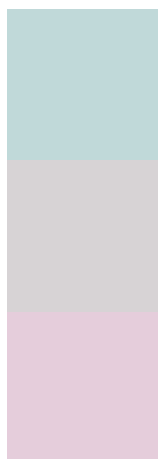


This preview shows how white text looks on a background with the Yxy color 65.8419, 0.2951, 0.3289.

# 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

65.8419, 0.2951, 0.3289

### Protanopia

65.8397, 0.3143, 0.3268

### Deuteranopia

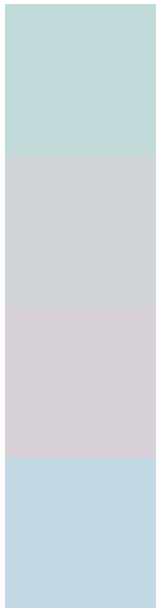
65.4351, 0.3210, 0.3139



## Tritanopia

66.0292, 0.2878, 0.3096

# Trichromacy



**Original Color**

65.8419, 0.2951, 0.3289

**Protanomaly**

65.7089, 0.3077, 0.3278

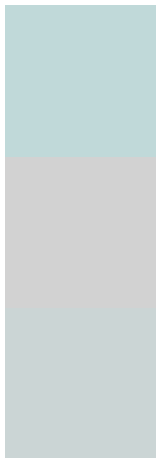
**Deuteranomaly**

65.2618, 0.3117, 0.3190

**Tritanomaly**

66.1271, 0.2902, 0.3163

# Monochromacy



**Original Color**

65.8419, 0.2951, 0.3289

**Achromatopsia**

64.4480, 0.3127, 0.3290

**Achromatomaly**

65.0891, 0.3054, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.8419, 0.2951, 0.3289 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, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 217)  
}
```

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, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 217) }
```

## Border

The CSS property to change the border of an element to Yxy 65.8419, 0.2951, 0.3289 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, 217, 217) }
```

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

```
.border{ border-color:rgb(192, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(192, 217,  
217) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.8419, 0.2951, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 217) }
```

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

```
.background{ background-color: rgb(192,  
217, 217) }
```

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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