

# Converting Colors

Yxy(65.9459, 0.3021, 0.3404)

Have a look what the booklet for  
Yxy(65.9459, 0.3021, 0.3404)  
contains.

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# Color

**Yxy(66.1662, 0.3023, 0.3407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2DAD0
RGB	194, 218, 208
RGB Percent	76%, 85%, 82%
CMY	0.2391, 0.1451, 0.1844
CMYK	0.11, 0.00, 0.05, 0.15
HSL	155°, 24%, 81%
HSV	155°, 11%, 85%
XYZ	58.7087, 66.1662, 69.3318
YIQ	209.6840, -11.0940, -8.1980

# Conversions

## Conversions Part 2

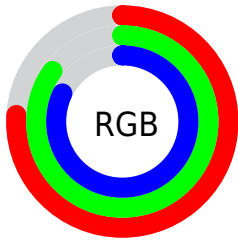
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 209, 218
Decimal	12770000
CIELab	85.08, -9.88, 2.21
CIELCh	85, 10.121, 167.360
Yxy	66.1662, 0.3023, 0.3407
Android (android.graphics.Color)	4290960080 (0xFFC2DAD0)
YUV	209.6840, -0.8302, -13.7549
Hunter-Lab	81.3426, -13.5180, 6.4044

# Details

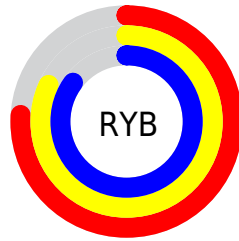
The Yxy color **66.1662, 0.3023, 0.3407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8686, 0.3245, 0.3176**, and the grayscale version is **64.2461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **34.1029, 0.2991, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **63.0561, 0.2932, 0.3526**, and if you desaturate by 10%, it is **69.7309, 0.3118, 0.3300**.

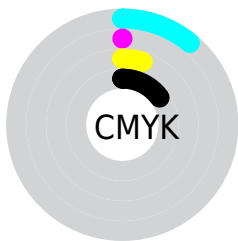
# Distribution



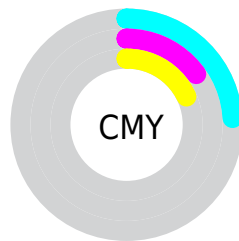
- Red (76%)
- Green (85%)
- Blue (82%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)




- Cyan (24%)
- Magenta (15%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1662, 0.3023, 0.3407 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 66.1662, 0.3023, 0.3407 by changing the saturation by 10% instead.



 66.1662, 0.3023,  
0.3407

 66.1662, 0.3023,  
0.3407

446.9710, 0.3072,  
0.3352

 48.4073, 0.3011,  
0.3420

 113.7248, 0.3040,  
0.3387

 34.1496, 0.2997,  
0.3436


144.2934, 0.3047,  
0.3380

 23.0085, 0.2979,  
0.3457


179.9007, 0.3053,  
0.3374

 14.5998, 0.2954,  
0.3485

220.9310, 0.3058,  
0.3368

 8.5390, 0.2919,  
0.3525

267.7688, 0.3062,  
0.3363

 4.4417, 0.2868,  
0.3584

320.7985, 0.3066,

 1.9236, 0.2783,

0.3359

0.3684

380.4044, 0.3069,  
0.3355

0.5625, 0.2235,  
0.4282

0.0000, 0.0000,  
0.0000

66.1662, 0.3023,  
0.3407

66.1662, 0.3023,  
0.3407

63.0561, 0.2932,  
0.3526

69.7309, 0.3118,  
0.3300

60.3733, 0.2846,  
0.3657

73.7594, 0.3214,  
0.3205


58.1007, 0.2770,  
0.3799


77.4199, 0.3277,  
0.3118

56.2163, 0.2706,  
0.3950


77.9619, 0.3214,  
0.3030


 54.6963, 0.2657,  
0.4109


 78.5313, 0.3153,  
0.2943

 53.5141, 0.2627,  
0.4273

 78.6220, 0.3144,  
0.2930

 52.6393, 0.2617,  
0.4437

 52.0357, 0.2627,  
0.4599

 51.6681, 0.2650,  
0.4740

# Harmonies

## Analogous

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



66.1662, 0.3147, 0.3487



66.1662, 0.3023, 0.3407



66.1662, 0.2928, 0.3295

# Triad

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



66.1662, 0.3023, 0.3407



66.1662, 0.2985, 0.3076



66.1662, 0.3375, 0.3388

# Complementary

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



66.1662, 0.3023, 0.3407



57.8686, 0.3245, 0.3176

# 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.



66.1662, 0.3330, 0.3281



66.1662, 0.3023, 0.3407



66.1662, 0.3103, 0.3103

# Square

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



66.1662, 0.3023, 0.3407



66.1662, 0.2906, 0.3105



66.1662, 0.3230, 0.3177



66.1662, 0.3352, 0.3473



# Rectangle

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



66.1662, 0.3023, 0.3407



66.1662, 0.2893, 0.3219



66.1662, 0.3230, 0.3177



66.1662, 0.3367, 0.3354

# Sweetspot

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



66.1690, 0.3023, 0.3407



98.3734, 0.3098, 0.3321



66.9357, 0.3189, 0.3568



20.9651, 0.3091, 0.3329



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.



66.1690, 0.3023, 0.3407



93.3844, 0.3003, 0.3431



65.8537, 0.2959, 0.3271



14.7326, 0.3038, 0.3390



30.9770, 0.2644, 0.4717



2.0239, 0.2572, 0.4459



# Inverse Universe

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



57.8686, 0.3245, 0.3176



79.4630, 0.3270, 0.3153



58.1176, 0.3320, 0.3309



13.1415, 0.3226, 0.3193



9.4053, 0.5291, 0.2688



0.6263, 0.4871, 0.2457



# Previews

## White Background



This preview shows how the Yxy color 66.1662, 0.3023, 0.3407 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

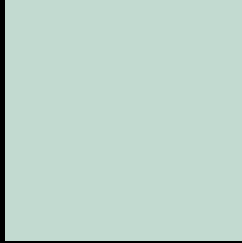
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 66.1662, 0.3023, 0.3407 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

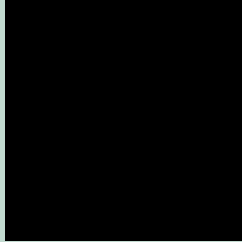
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

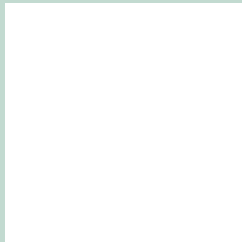
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 66.1662, 0.3023, 0.3407**

## **Background**



This preview shows how black text looks on a background with the Yxy color 66.1662, 0.3023, 0.3407.



This preview shows how white text looks on a background with the Yxy color 66.1662, 0.3023, 0.3407.

# 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





## Tritanopia

65.8684, 0.2904, 0.3097

# Trichromacy



## Original Color

66.1662, 0.3023, 0.3407

## Protanomaly

66.0562, 0.3152, 0.3393

## Deuteranomaly

65.8064, 0.3195, 0.3290

## Tritanomaly

65.7989, 0.2947, 0.3198

# Monochromacy



## Original Color

66.1662, 0.3023, 0.3407

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

65.0293, 0.3088, 0.3336

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 66.1662, 0.3023, 0.3407 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(194, 218, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 218, 208)  
}
```

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(194, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 218, 208) }
```

## Border

The CSS property to change the border of an element to Yxy 66.1662, 0.3023, 0.3407 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(194, 218, 208) }
```

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

```
.border{ border-color:rgb(194, 218, 208) }
```

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

Here you see how a box with a 4 pixel rgb(194, 218, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(194, 218,  
208) }
```



# Background

The CSS property to change the background color of an element to Yxy 66.1662, 0.3023, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 218, 208) }
```

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

```
.background{ background-color: rgb(194,  
218, 208) }
```

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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