

# Converting Colors

Yxy(60.0384, 0.3104, 0.3472)

Have a look what the booklet for  
Yxy(60.0384, 0.3104, 0.3472)  
contains.

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# Color

**Yxy(60.0384, 0.3104, 0.3472)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BFD0C1</a>
RGB	<a href="#">191, 208, 193</a>
RGB Percent	<a href="#">75%, 82%, 76%</a>
CMY	<a href="#">0.2508, 0.1843, 0.2432</a>
<a href="#">CMYK</a>	<a href="#">0.08, 0.00, 0.07, 0.18</a>
HSL	<a href="#">127°, 15%, 78%</a>
HSV	<a href="#">127°, 8%, 82%</a>
XYZ	<a href="#">53.6749, 60.0384, 59.2084</a>
YIQ	<a href="#">201.2070, -5.3170, -8.2690</a>

# Conversions

## Conversions Part 2

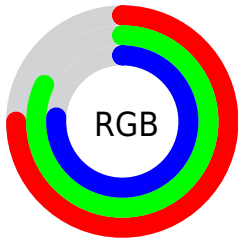
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 206, 208
Decimal	12570817
CIE <sub>Lab</sub>	81.86, -8.52, 5.48
CIE <sub>LCh</sub>	82, 10.132, 147.269
Yxy	60.0384, 0.3104, 0.3472
Android (android.graphics.Color)	4290760897 (0xFFBFD0C1)
YUV	201.2070, -4.0461, -8.9515
Hunter-Lab	77.4845, -11.9476, 8.9337

# Details

The Yxy color **60.0384, 0.3104, 0.3472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1482, 0.3151, 0.3115**, and the grayscale version is **58.5770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1337, 0.3112, 0.3348**, and **30.4079, 0.3097, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **56.7613, 0.3075, 0.3723**, and if you desaturate by 10%, it is **63.8059, 0.3132, 0.3251**.

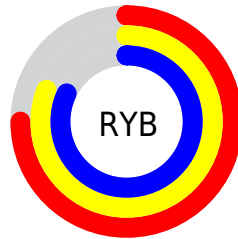
# Distribution



Red (75%)

Green (82%)

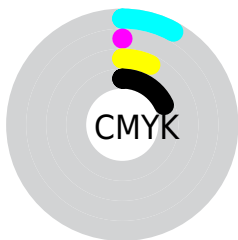
Blue (76%)



Red (75%)

Yellow (81%)

Blue (82%)

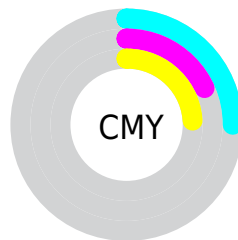


Cyan (8%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (25%)

Magenta (18%)


Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0384, 0.3104, 0.3472 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 60.0384, 0.3104, 0.3472 by changing the saturation by 10% instead.




 60.0384, 0.3104,  
0.3472

 60.0384, 0.3104,  
0.3472


424.7393, 0.3116,  
0.3384

 43.4496, 0.3101,  
0.3493


 104.8854, 0.3108,  
0.3441

 30.2380, 0.3097,  
0.3520


133.9123, 0.3110,  
0.3429

 20.0193, 0.3092,  
0.3555


167.8541, 0.3111,  
0.3418

 12.4091, 0.3085,  
0.3603

207.0951, 0.3112,  
0.3410

 7.0229, 0.3075,  
0.3672

252.0197, 0.3113,  
0.3402

 3.4764, 0.3058,  
0.3779

303.0124, 0.3114,

 1.3852, 0.3025,

0.3395

0.3969

360.4574, 0.3115,  
0.3389

0.2058, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

60.0384, 0.3104,  
0.3472

60.0384, 0.3104,  
0.3472

56.7613, 0.3075,  
0.3723

63.8059, 0.3132,  
0.3251

53.9470, 0.3045,  
0.4003

68.0746, 0.3159,  
0.3059

51.5769, 0.3018,  
0.4308

72.8649, 0.3184,  
0.2893

49.6284, 0.2993,  
0.4631

73.5888, 0.3149,  
0.2831

■ 48.0764, 0.2974,  
0.4957

■ 46.8936, 0.2962,  
0.5268

■ 46.0490, 0.2959,  
0.5541

■ 45.5064, 0.2965,  
0.5757

■ 45.2144, 0.2977,  
0.5902

# Harmonies

## Analogous

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



60.0384, 0.3234, 0.3517



60.0384, 0.3104, 0.3472



60.0384, 0.2982, 0.3375

# Triad

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



60.0384, 0.3104, 0.3472



60.0384, 0.2920, 0.3083



60.0384, 0.3360, 0.3318

# Complementary

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



60.0384, 0.3104, 0.3472



55.1482, 0.3151, 0.3115

# 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.



60.0384, 0.3272, 0.3206



60.0384, 0.3104, 0.3472



60.0384, 0.3018, 0.3072

# Square

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



60.0384, 0.3104, 0.3472



60.0384, 0.2877, 0.3148



60.0384, 0.3146, 0.3118



60.0384, 0.3384, 0.3425



# Rectangle

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



60.0384, 0.3104, 0.3472



60.0384, 0.2921, 0.3295



60.0384, 0.3146, 0.3118



60.0384, 0.3337, 0.3280

# Sweetspot

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



60.0410, 0.3104, 0.3472



98.7583, 0.3121, 0.3333



62.0370, 0.3234, 0.3489



21.1513, 0.3122, 0.3331



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

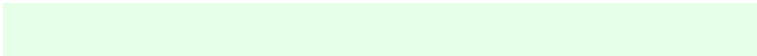


# Same Dimension

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



60.0410, 0.3104, 0.3472



94.1114, 0.3098, 0.3519



60.4180, 0.3048, 0.3371



13.2281, 0.3100, 0.3502



28.1645, 0.2975, 0.5909



1.5824, 0.2908, 0.5668



# Inverse Universe

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



55.1482, 0.3151, 0.3115



84.6080, 0.3157, 0.3071



54.7590, 0.3214, 0.3210



11.9846, 0.3155, 0.3087



10.5252, 0.3520, 0.1713

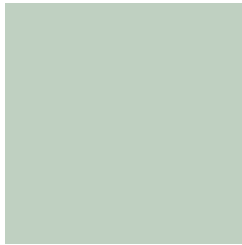


0.5953, 0.3456, 0.1677



# Previews

## White Background



This preview shows how the Yxy color 60.0384, 0.3104, 0.3472 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

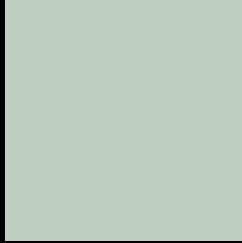
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.0384, 0.3104, 0.3472 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

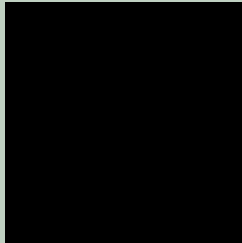
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

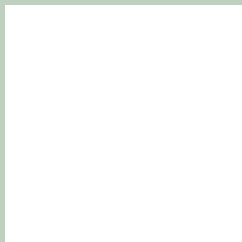
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.0384, 0.3104, 0.3472**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.0384, 0.3104, 0.3472.

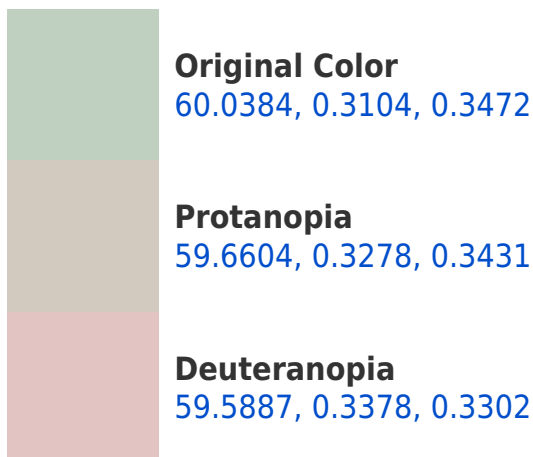


This preview shows how white text looks on a background with the Yxy color 60.0384, 0.3104, 0.3472.

# 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

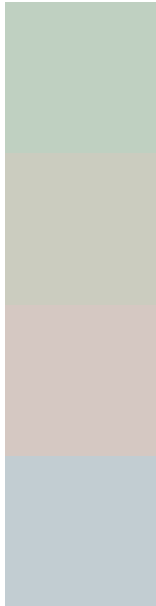




## Tritanopia

59.9551, 0.2950, 0.3102

# Trichromacy



**Original Color**

60.0384, 0.3104, 0.3472

**Protanomaly**

59.6438, 0.3213, 0.3445

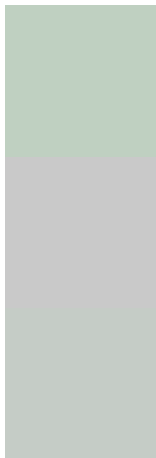
**Deuteranomaly**

59.3497, 0.3274, 0.3360

**Tritanomaly**

59.7851, 0.3010, 0.3230

# Monochromacy



**Original Color**

60.0384, 0.3104, 0.3472

**Achromatopsia**

58.4078, 0.3127, 0.3290

**Achromatomaly**

59.1333, 0.3116, 0.3362

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.0384, 0.3104, 0.3472 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(191, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 208, 193)  
}
```

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(191, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 208, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 60.0384, 0.3104, 0.3472 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(191, 208, 193) }
```

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

```
.border{ border-color:rgb(191, 208, 193) }
```

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

Here you see how a box with a 4 pixel rgb(191, 208, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 208,  
193) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.0384, 0.3104, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 208, 193) }
```

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

```
.background{ background-color: rgb(191,  
208, 193) }
```

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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