

# Converting Colors

Yxy(59.7142, 0.3093, 0.3536)

Have a look what the booklet for  
Yxy(59.7142, 0.3093, 0.3536)  
contains.

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# Color

**Yxy(59.7142, 0.3093, 0.3536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAD1BD
RGB	186, 209, 189
RGB Percent	73%, 82%, 74%
CMY	0.2707, 0.1804, 0.2587
CMYK	0.11, 0.00, 0.10, 0.18
HSL	128°, 20%, 77%
HSV	128°, 11%, 82%
XYZ	52.2330, 59.7142, 56.9278
YIQ	199.8430, -7.2880, -11.0960

# Conversions

## Conversions Part 2

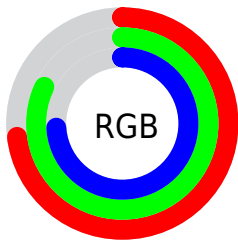
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	186, 206, 209
Decimal	12243389
CIE <sub>Lab</sub>	81.68, -11.50, 7.30
CIE <sub>LCh</sub>	82, 13.617, 147.595
Y <sub>xy</sub>	59.7142, 0.3093, 0.3536
Android (android.graphics.Color)	4290433469 (0xFFBAD1BD)
YUV	199.8430, -5.3456, -12.1403
Hunter-Lab	77.2750, -14.5764, 10.4141

# Details

The Yxy color **59.7142, 0.3093, 0.3536** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1201, 0.3163, 0.3056**, and the grayscale version is **57.6940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9898, 0.3104, 0.3388**, and **30.2068, 0.3083, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **56.5487, 0.3061, 0.3790**, and if you desaturate by 10%, it is **63.3662, 0.3124, 0.3311**.

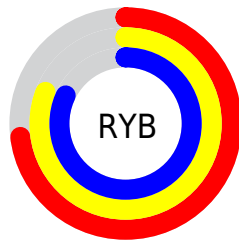
# Distribution



Red (73%)

Green (82%)

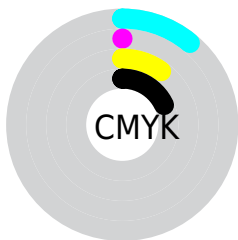
Blue (74%)



Red (73%)

Yellow (81%)

Blue (82%)

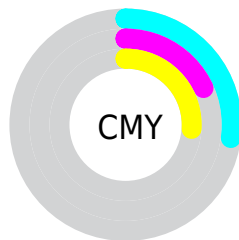


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (27%)

Magenta (18%)


Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7142, 0.3093, 0.3536 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 59.7142, 0.3093, 0.3536 by changing the saturation by 10% instead.





 59.7142, 0.3093,  
0.3536

 59.7142, 0.3093,  
0.3536


423.5435, 0.3110,  
0.3416

 43.1883, 0.3089,  
0.3565


 104.4150, 0.3099,  
0.3493

 30.0329, 0.3083,  
0.3602


133.3586, 0.3102,  
0.3477

 19.8636, 0.3075,  
0.3650


167.2104, 0.3104,  
0.3463

 12.2959, 0.3064,  
0.3716

206.3545, 0.3105,  
0.3451

 6.9455, 0.3048,  
0.3812

251.1755, 0.3107,  
0.3441

 3.4281, 0.3021,  
0.3962

302.0578, 0.3108,

 1.3591, 0.2969,

0.3431

0.4234

359.3856, 0.3109,  
0.3423

0.1863, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

59.7142, 0.3093,  
0.3536

59.7142, 0.3093,  
0.3536

56.5487, 0.3061,  
0.3790

63.3662, 0.3124,  
0.3311

53.8418, 0.3030,  
0.4072

67.5161, 0.3154,  
0.3115

51.5746, 0.3001,  
0.4378

72.1843, 0.3182,  
0.2944

49.7237, 0.2977,  
0.4699

74.0853, 0.3148,  
0.2841

■ 48.2635, 0.2959,  
0.5019

■ 47.1657, 0.2950,  
0.5319

■ 46.3981, 0.2950,  
0.5579

■ 45.9225, 0.2961,  
0.5781

■ 45.6873, 0.2974,  
0.5905

# Harmonies

## Analogous

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



59.7142, 0.3268, 0.3598



59.7142, 0.3093, 0.3536



59.7142, 0.2930, 0.3402

# Triad

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



59.7142, 0.3093, 0.3536



59.7142, 0.2850, 0.3011



59.7142, 0.3442, 0.3327

# Complementary

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



59.7142, 0.3093, 0.3536



53.1201, 0.3163, 0.3056

# 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.



59.7142, 0.3324, 0.3179



59.7142, 0.3093, 0.3536



59.7142, 0.2981, 0.2999

# Square

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



59.7142, 0.3093, 0.3536



59.7142, 0.2793, 0.3097



59.7142, 0.3154, 0.3061



59.7142, 0.3473, 0.3470



# Rectangle

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



59.7142, 0.3093, 0.3536



59.7142, 0.2850, 0.3294



59.7142, 0.3154, 0.3061



59.7142, 0.3411, 0.3276

# Sweetspot

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



59.7167, 0.3093, 0.3536



98.1576, 0.3118, 0.3354



62.3175, 0.3269, 0.3561



20.9070, 0.3115, 0.3372



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

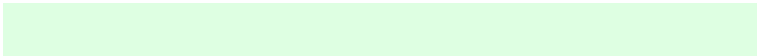


# Same Dimension

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



59.7167, 0.3093, 0.3536



92.5294, 0.3086, 0.3588



60.2203, 0.3018, 0.3397



13.2313, 0.3098, 0.3498



28.1750, 0.2969, 0.5889



1.5839, 0.2895, 0.5623



# Inverse Universe

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



53.1201, 0.3163, 0.3056



80.3641, 0.3171, 0.3009



52.5968, 0.3251, 0.3185



11.9811, 0.3158, 0.3091



10.4354, 0.3571, 0.1741



0.5911, 0.3495, 0.1699



# Previews

## White Background



This preview shows how the Yxy color 59.7142, 0.3093, 0.3536 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

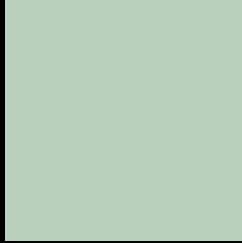
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 59.7142, 0.3093, 0.3536 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

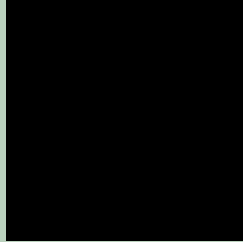
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

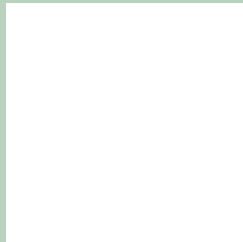
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 59.7142, 0.3093, 0.3536**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.7142, 0.3093, 0.3536.



This preview shows how white text looks on a background with the Yxy color 59.7142, 0.3093, 0.3536.

# 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

59.7142, 0.3093, 0.3536

### Protanopia

59.4455, 0.3315, 0.3491

### Deuteranopia

59.4544, 0.3401, 0.3336



## Tritanopia

59.4826, 0.2915, 0.3089

# Trichromacy



## Original Color

59.7142, 0.3093, 0.3536

## Protanomaly

59.6253, 0.3232, 0.3518

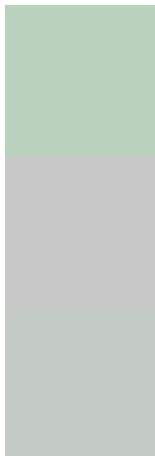
## Deuteranomaly

59.3838, 0.3279, 0.3407

## Tritanomaly

59.5649, 0.2981, 0.3254

# Monochromacy



## Original Color

59.7142, 0.3093, 0.3536

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

58.2995, 0.3116, 0.3374

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.7142, 0.3093, 0.3536 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(186, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(186, 209, 189)  
}
```

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(186, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 59.7142, 0.3093, 0.3536 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(186, 209, 189) }
```

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

```
.border{ border-color:rgb(186, 209, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 209, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 189);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
189) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.7142, 0.3093, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 209, 189) }
```

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

```
.background{ background-color: rgb(186,  
209, 189) }
```

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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