

# Converting Colors

$Yxy(60.4151, 0.2972, 0.3332)$

Have a look what the booklet for  
Yxy(60.4151, 0.2972, 0.3332)  
contains.

<b>Yxy(60.3714, 0.2972, 0.3326)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(60.3714, 0.2972, 0.3326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9D1CE
RGB	185, 209, 206
RGB Percent	73%, 82%, 81%
CMY	0.2745, 0.1804, 0.1922
CMYK	0.11, 0.00, 0.01, 0.18
HSL	172°, 21%, 77%
HSV	172°, 11%, 82%
XYZ	53.9458, 60.3714, 67.1963
YIQ	201.4820, -13.3410, -6.0210

# Conversions

## Conversions Part 2

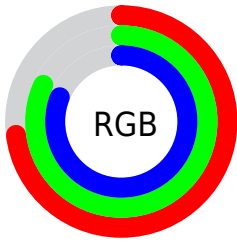
Format	Color
<a href="#">RYB</a>	<a href="#">185, 198, 209</a>
Decimal	<a href="#">12177870</a>
CIELab	<a href="#">82.04, -8.61, -1.24</a>
CIELCh	<a href="#">82, 8.697, 188.224</a>
Yxy	<a href="#">60.3714, 0.2972, 0.3326</a>
Android (android.graphics.Color)	<a href="#">4290367950</a> ( <a href="#">0xFFB9D1CE</a> )
YUV	<a href="#">201.4820, 2.2274, -14.4547</a>
Hunter-Lab	<a href="#">77.6990, -12.0422, 3.1137</a>

# Details

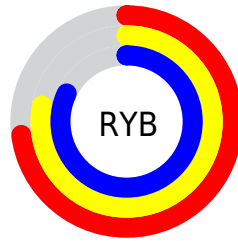
The Yxy color **60.3714, 0.2972, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8819, 0.3307, 0.3254**, and the grayscale version is **58.7155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **30.6152, 0.2933, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **57.8364, 0.2844, 0.3361**, and if you desaturate by 10%, it is **63.2957, 0.3107, 0.3294**.

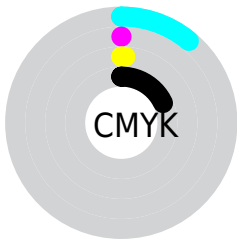
# Distribution



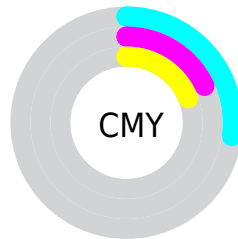
- Red (73%)
- Green (82%)
- Blue (81%)



- Red (73%)
- Yellow (78%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)




- Cyan (27%)
- Magenta (18%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3714, 0.2972, 0.3326 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 60.3714, 0.2972, 0.3326 by changing the saturation by 10% instead.




 60.3714, 0.2972,  
0.3326

 60.3714, 0.2972,  
0.3326


425.9654, 0.3046,  
0.3309

 43.7181, 0.2954,  
0.3330


 105.3682, 0.2998,  
0.3320

 30.4489, 0.2932,  
0.3335


134.4805, 0.3008,  
0.3318

 20.1796, 0.2904,  
0.3341


168.5146, 0.3017,  
0.3316

 12.5257, 0.2866,  
0.3349

207.8548, 0.3024,  
0.3314

 7.1027, 0.2812,  
0.3361

252.8856, 0.3031,  
0.3313

 3.5264, 0.2731,  
0.3378

303.9914, 0.3036,

 1.4124, 0.2593,

0.3311

361.5565, 0.3042,  
0.3310

0.3405

0.2258, 0.0080,  
0.4010

0.0000, 0.0000,  
0.0000

60.3714, 0.2972,  
0.3326

60.3714, 0.2972,  
0.3326

57.8364, 0.2844,  
0.3361

63.2957, 0.3107,  
0.3294

55.6664, 0.2727,  
0.3398

66.6174, 0.3246,  
0.3266

53.8463, 0.2622,  
0.3437

70.3536, 0.3387,  
0.3240

52.3566, 0.2533,  
0.3479

71.8481, 0.3423,  
0.3215

■ 51.1761, 0.2461,  
0.3522

■ 71.9854, 0.3404,  
0.3188

■ 50.2812, 0.2408,  
0.3566

■ 72.1248, 0.3384,  
0.3162

■ 49.6446, 0.2375,  
0.3610

■ 72.2664, 0.3365,  
0.3136

■ 49.2341, 0.2360,  
0.3653

■ 72.4103, 0.3346,  
0.3110

■ 49.0140, 0.2358,  
0.3690

■ 72.5563, 0.3327,  
0.3084

# Harmonies

## Analogous

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



60.3714, 0.3067, 0.3419



60.3714, 0.2972, 0.3326



60.3714, 0.2919, 0.3224

# Triad

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



60.3714, 0.2972, 0.3326



60.3714, 0.3072, 0.3112



60.3714, 0.3339, 0.3433

# Complementary

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



60.3714, 0.2972, 0.3326



51.8819, 0.3307, 0.3254

# 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.



60.3714, 0.3341, 0.3350



60.3714, 0.2972, 0.3326



60.3714, 0.3185, 0.3166

# Square

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



60.3714, 0.2972, 0.3326



60.3714, 0.2975, 0.3103



60.3714, 0.3284, 0.3252



60.3714, 0.3279, 0.3481



# Rectangle

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



60.3714, 0.2972, 0.3326



60.3714, 0.2913, 0.3167



60.3714, 0.3284, 0.3252



60.3714, 0.3346, 0.3409

# Sweetspot

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



60.3739, 0.2972, 0.3326



98.5161, 0.3086, 0.3299



59.8232, 0.3137, 0.3585



21.0037, 0.3074, 0.3302



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

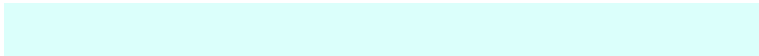


# Same Dimension

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



60.3739, 0.2972, 0.3326



93.5613, 0.2937, 0.3335



56.3192, 0.2950, 0.3182



13.3805, 0.3000, 0.3319



30.2280, 0.2357, 0.3684



1.6975, 0.2334, 0.3604



# Inverse Universe

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



51.8819, 0.3307, 0.3254



77.4497, 0.3356, 0.3246



55.5523, 0.3319, 0.3395



11.8321, 0.3271, 0.3261



8.4124, 0.6231, 0.3206

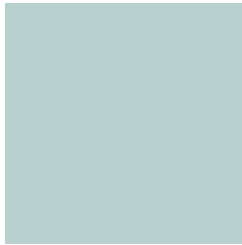


0.4785, 0.5829, 0.2985



# Previews

## White Background



This preview shows how the Yxy color 60.3714, 0.2972, 0.3326 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

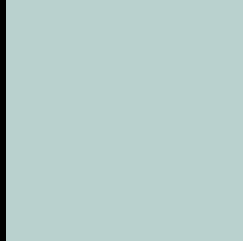
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.3714, 0.2972, 0.3326 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

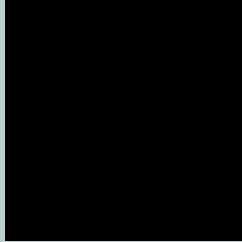
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

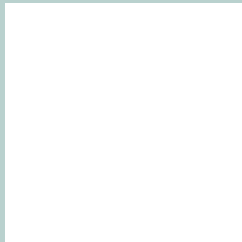
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.3714, 0.2972, 0.3326**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.3714, 0.2972, 0.3326.

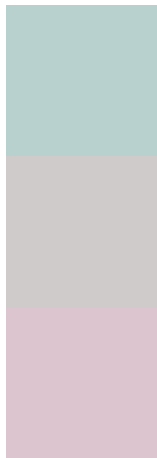


This preview shows how white text looks on a background with the Yxy color 60.3714, 0.2972, 0.3326.

# 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

60.3714, 0.2972, 0.3326

### Protanopia

60.2415, 0.3165, 0.3302

### Deuteranopia

59.8587, 0.3236, 0.3167



## Tritanopia

60.1617, 0.2882, 0.3089

# Trichromacy



## Original Color

60.3714, 0.2972, 0.3326

## Protanomaly

60.1166, 0.3096, 0.3314

## Deuteranomaly

59.6882, 0.3138, 0.3221

## Tritanomaly

60.2002, 0.2914, 0.3170

# Monochromacy



## Original Color

60.3714, 0.2972, 0.3326

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

59.0996, 0.3066, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.3714, 0.2972, 0.3326 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(185, 209, 206)` looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 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(185, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 60.3714, 0.2972, 0.3326 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(185, 209, 206) }
```

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

```
.border{ border-color:rgb(185, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 209, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 209, 206);  
box-shadow:4px 4px 4px 4px rgb(185, 209,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.3714, 0.2972, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 206) }
```

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

```
.background{ background-color: rgb(185,  
209, 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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