

Converting Colors

$Yxy(59.5438, 0.3002, 0.3372)$

Have a look what the booklet for
Yxy(59.5438, 0.3002, 0.3372)
contains.

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Color

Yxy(59.6431, 0.3005, 0.3375)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B9D0C9 |
| RGB | 185, 208, 201 |
| RGB Percent | 73%, 82%, 79% |
| CMY | 0.2745, 0.1843, 0.2118 |
| CMYK | 0.11, 0.00, 0.03, 0.18 |
| HSL | 162°, 20%, 77% |
| HSV | 162°, 11%, 82% |
| XYZ | 53.1044, 59.6431, 63.9727 |
| YIQ | 200.3250, -11.4610, -7.0530 |

Conversions

Conversions Part 2

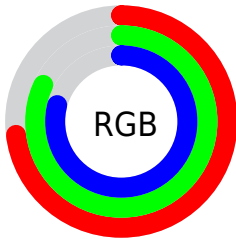
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 185, 199, 208 |
| Decimal | 12177609 |
| CIE Lab | 81.64, -9.06, 0.84 |
| CIE LCh | 82, 9.104, 174.699 |
| Yxy | 59.6431, 0.3005, 0.3375 |
| Android (android.graphics.Color) | 4290367689 (0xFFB9D0C9) |
| YUV | 200.3250, 0.3328, -13.4400 |
| Hunter-Lab | 77.2289, -12.4098, 4.9473 |

Details

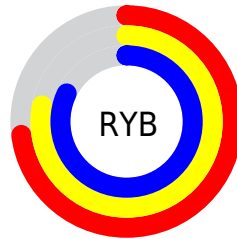
The Yxy color **59.6431, 0.3005, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9109, 0.3266, 0.3207**, and the grayscale version is **57.9733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **30.1233, 0.2976, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **56.9534, 0.2899, 0.3460**, and if you desaturate by 10%, it is **62.7286, 0.3115, 0.3298**.

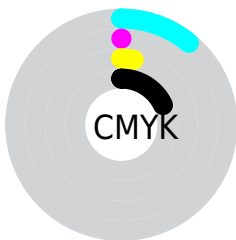
Distribution



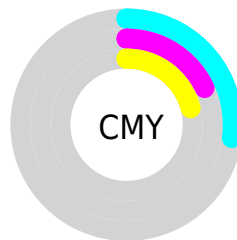
- Red (73%)
- Green (82%)
- Blue (79%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)





- Cyan (27%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6431, 0.3005, 0.3375 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 59.6431, 0.3005, 0.3375 by changing the saturation by 10% instead.

 59.6431, 0.3005,
0.3375

 59.6431, 0.3005,
0.3375


423.2810, 0.3064,
0.3334

 43.1310, 0.2991,
0.3385


 104.3118, 0.3026,
0.3361

 29.9879, 0.2973,
0.3397


133.2371, 0.3034,
0.3355

 19.8294, 0.2951,
0.3413


167.0691, 0.3041,
0.3350

 12.2711, 0.2920,
0.3435

206.1920, 0.3046,
0.3346

 6.9286, 0.2876,
0.3465

250.9902, 0.3052,
0.3343

 3.4175, 0.2810,
0.3513

301.8482, 0.3056,

 1.3534, 0.2695,

0.3339

0.3595

359.1503, 0.3060,
0.3337

0.1820, 0.0000,
0.5663

0.0000, 0.0000,
0.0000

59.6431, 0.3005,
0.3375

59.6431, 0.3005,
0.3375

56.9534, 0.2899,
0.3460

62.7286, 0.3115,
0.3298

54.6354, 0.2801,
0.3554


66.2178, 0.3228,
0.3228

52.6739, 0.2713,
0.3654

70.1279, 0.3340,
0.3167

51.0497, 0.2639,
0.3761


71.8839, 0.3352,
0.3106

 49.7419, 0.2580,
0.3872


 72.2385, 0.3306,
0.3044

 48.7269, 0.2540,
0.3987


 72.6061, 0.3260,
0.2982


 47.9780, 0.2521,
0.4104

 72.9868, 0.3216,
0.2922

 47.4632, 0.2520,
0.4219

 73.3808, 0.3172,
0.2862

 47.1505, 0.2534,
0.4321

 73.5952, 0.3149,
0.2831

Harmonies

Analogous

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



59.6431, 0.3117, 0.3459



59.6431, 0.3005, 0.3375



59.6431, 0.2927, 0.3268

Triad

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



59.6431, 0.3005, 0.3375



59.6431, 0.3020, 0.3092



59.6431, 0.3358, 0.3404

Complementary

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



59.6431, 0.3005, 0.3375



51.9109, 0.3266, 0.3207

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.



59.6431, 0.3332, 0.3307



59.6431, 0.3005, 0.3375



59.6431, 0.3134, 0.3129

Square

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



59.6431, 0.3005, 0.3375



59.6431, 0.2935, 0.3106



59.6431, 0.3249, 0.3207



59.6431, 0.3322, 0.3474

Rectangle

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



59.6431, 0.3005, 0.3375



59.6431, 0.2903, 0.3200



59.6431, 0.3249, 0.3207



59.6431, 0.3357, 0.3374

Sweetspot

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



59.6456, 0.3005, 0.3375



98.4288, 0.3093, 0.3312



59.8606, 0.3169, 0.3571



20.9801, 0.3084, 0.3318



0.0000, 0.0000, 0.0000



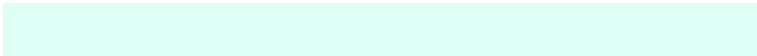
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6456, 0.3005, 0.3375



93.6131, 0.2982, 0.3392



57.9524, 0.2958, 0.3238



13.3433, 0.3023, 0.3362



29.4025, 0.2529, 0.4305



1.6578, 0.2471, 0.4095

Inverse Universe

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



51.9109, 0.3266, 0.3207



79.2456, 0.3296, 0.3190



53.3994, 0.3317, 0.3341



11.8666, 0.3243, 0.3219



8.5987, 0.5730, 0.2930



0.4949, 0.5200, 0.2638

Previews

White Background



This preview shows how the Yxy color 59.6431, 0.3005, 0.3375 looks on a white background.

Color Contrast Check

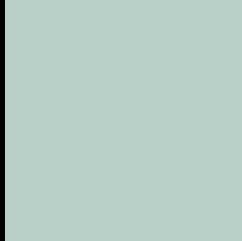
Large Text (above 18pt) WCAG AA × Fail

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 59.6431, 0.3005, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

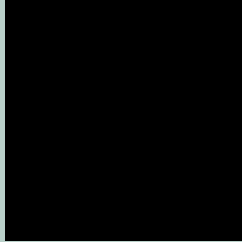
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

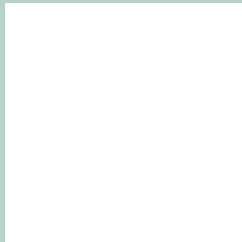
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6431, 0.3005, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 59.6431, 0.3005, 0.3375.



This preview shows how white text looks on a background with the Yxy color 59.6431, 0.3005, 0.3375.

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

59.6431, 0.3005, 0.3375

Protanopia

59.5377, 0.3202, 0.3349

Deuteranopia

59.3212, 0.3283, 0.3211



Tritanopia

59.5745, 0.2894, 0.3100

Trichromacy



Original Color

59.6431, 0.3005, 0.3375

Protanomaly

59.4051, 0.3131, 0.3362

Deuteranomaly

59.1281, 0.3183, 0.3267

Tritanomaly

59.5624, 0.2933, 0.3194

Monochromacy



Original Color

59.6431, 0.3005, 0.3375

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.4841, 0.3087, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6431, 0.3005, 0.3375 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, 208, 201)` looks like.

```
.text, #text, p{  
    color:rgb(185, 208, 201)  
}
```

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, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 208, 201) }
```

Border

The CSS property to change the border of an element to Yxy 59.6431, 0.3005, 0.3375 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, 208, 201) }
```

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

```
.border{ border-color:rgb(185, 208, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 208, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(185, 208,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6431, 0.3005, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 208, 201) }
```

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

```
.background{ background-color: rgb(185,  
208, 201) }
```

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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