

Converting Colors

$Yxy(59.5947, 0.2924, 0.3243)$

Have a look what the booklet for
Yxy(59.5947, 0.2924, 0.3243)
contains.

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Color

Yxy(59.3961, 0.2925, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	B7CFD3
RGB	183, 207, 211
RGB Percent	72%, 81%, 83%
CMY	0.2822, 0.1883, 0.1726
CMYK	0.13, 0.02, 0.00, 0.17
HSL	189°, 24%, 77%
HSV	189°, 13%, 83%
XYZ	53.6049, 59.3961, 70.2637
YIQ	200.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

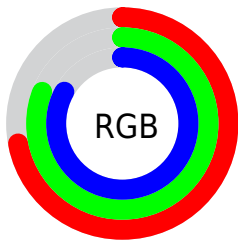
Format	Color
R _Y B	183, 196, 211
Decimal	12046291
CIE Lab	81.51, -7.19, -4.71
CIE LCh	82, 8.599, 213.226
Yxy	59.3961, 0.2925, 0.3241
Android (android.graphics.Color)	4290236371 (0xFFB7CFD3)
YUV	200.2800, 5.2850, -15.1546
Hunter-Lab	77.0689, -10.7156, -0.1065

Details

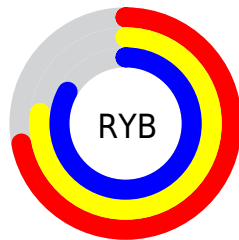
The Yxy color **59.3961, 0.2925, 0.3241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8254, 0.3362, 0.3339**, and the grayscale version is **57.9192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **29.9626, 0.2872, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **55.5528, 0.2779, 0.3200**, and if you desaturate by 10%, it is **63.6602, 0.3077, 0.3279**.

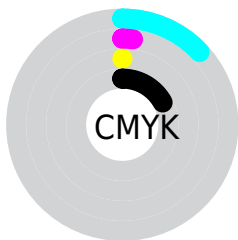
Distribution



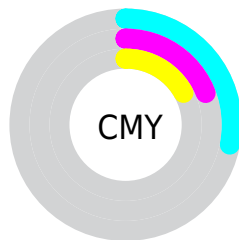
- Red (72%)
- Green (81%)
- Blue (83%)



- Red (72%)
- Yellow (77%)
- Blue (83%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3961, 0.2925, 0.3241 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 59.3961, 0.2925, 0.3241 by changing the saturation by 10% instead.

■ 59.3961, 0.2925,
0.3241

■ 59.3961, 0.2925,
0.3241

422.3682, 0.3021,
0.3265

■ 42.9321, 0.2902,
0.3235

■ 103.9531, 0.2959,
0.3250

■ 29.8318, 0.2874,
0.3227

132.8149, 0.2972,
0.3253

■ 19.7110, 0.2837,
0.3217

166.5781, 0.2983,
0.3256

■ 12.1851, 0.2787,
0.3203

205.6270, 0.2993,
0.3258

■ 6.8699, 0.2718,
0.3183

250.3461, 0.3001,
0.3260

■ 3.3809, 0.2613,
0.3151

301.1197, 0.3009,

■ 1.3337, 0.2436,

0.3262

0.3092

358.3323, 0.3016,
0.3264

0.1670, 0.0000,
0.2462

0.0000, 0.0000,
0.0000

59.3961, 0.2925,
0.3241

59.3961, 0.2925,
0.3241

55.5528, 0.2779,
0.3200

63.6602, 0.3077,
0.3279

52.1055, 0.2641,
0.3156

68.3539, 0.3232,
0.3313

49.0381, 0.2514,
0.3110

73.4951, 0.3387,
0.3343

46.3303, 0.2403,
0.3061

76.6629, 0.3447,
0.3373

■ 43.9598, 0.2308,
0.3011

■ 78.2530, 0.3442,
0.3403

■ 41.9017, 0.2232,
0.2961

■ 79.8718, 0.3437,
0.3433

■ 40.1273, 0.2175,
0.2910

■ 81.5195, 0.3431,
0.3463

■ 38.6019, 0.2137,
0.2859

■ 83.1962, 0.3426,
0.3493

■ 37.6731, 0.2118,
0.2826

■ 84.9021, 0.3421,
0.3522

Harmonies

Analogous

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



59.3961, 0.2986, 0.3343



59.3961, 0.2925, 0.3241



59.3961, 0.2917, 0.3155

Triad

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



59.3961, 0.2925, 0.3241



59.3961, 0.3166, 0.3155



59.3961, 0.3292, 0.3475

Complementary

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



59.3961, 0.2925, 0.3241



52.8254, 0.3362, 0.3339

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.



59.3961, 0.3342, 0.3421



59.3961, 0.2925, 0.3241



59.3961, 0.3269, 0.3237

Square

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



59.3961, 0.2925, 0.3241



59.3961, 0.3055, 0.3108



59.3961, 0.3334, 0.3333



59.3961, 0.3197, 0.3480

Rectangle

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



59.3961, 0.2925, 0.3241



59.3961, 0.2942, 0.3118



59.3961, 0.3334, 0.3333



59.3961, 0.3314, 0.3462

Sweetspot

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



59.3986, 0.2925, 0.3241



97.1890, 0.3065, 0.3276



60.2362, 0.3086, 0.3590



20.6919, 0.3053, 0.3273



0.0000, 0.0000, 0.0000



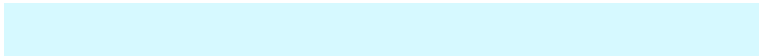
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3986, 0.2925, 0.3241



89.3983, 0.2881, 0.3229



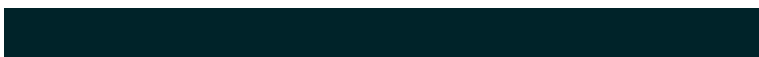
53.0428, 0.2920, 0.3072



13.1067, 0.2983, 0.3256



22.8521, 0.2120, 0.2833



1.3586, 0.2146, 0.2925

Inverse Universe

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



52.2357, 0.3174, 0.3011



76.3042, 0.3185, 0.2947



58.9231, 0.3340, 0.3499



11.9788, 0.3159, 0.3093



10.3782, 0.3604, 0.1759



0.5884, 0.3521, 0.1713

Previews

White Background



This preview shows how the Yxy color 59.3961, 0.2925, 0.3241 looks on a white background.

Color Contrast Check

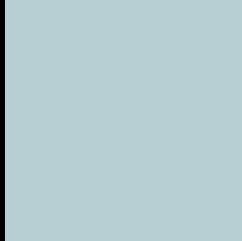
Large Text (above 18pt) WCAG AA × Fail

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 59.3961, 0.2925, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

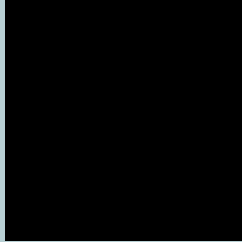
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

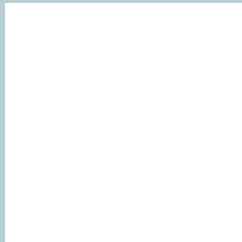
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3961, 0.2925, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 59.3961, 0.2925, 0.3241.

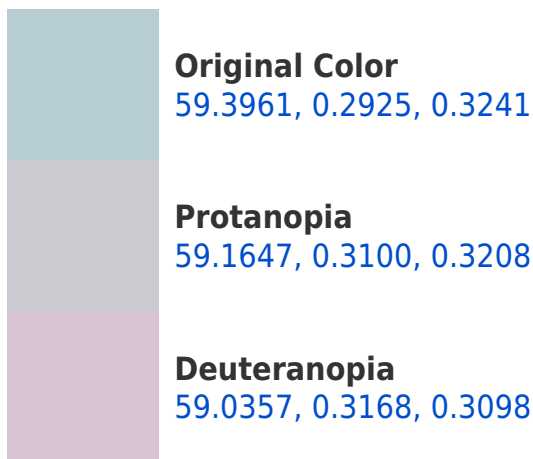


This preview shows how white text looks on a background with the Yxy color 59.3961, 0.2925, 0.3241.

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

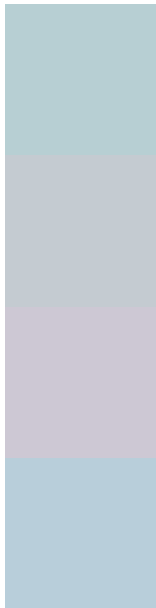




Tritanopia

59.2509, 0.2867, 0.3087

Trichromacy



Original Color

59.3961, 0.2925, 0.3241

Protanomaly

59.0511, 0.3032, 0.3219

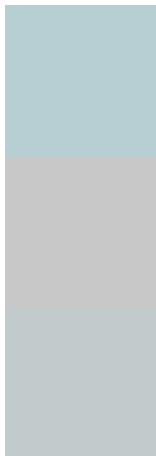
Deuteranomaly

59.0412, 0.3080, 0.3151

Tritanomaly

59.3949, 0.2886, 0.3146

Monochromacy



Original Color

59.3961, 0.2925, 0.3241

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.5408, 0.3052, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3961, 0.2925, 0.3241 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(183, 207, 211)` looks like.

```
.text, #text, p{  
    color:rgb(183, 207, 211)  
}
```

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(183, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 207, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.3961, 0.2925, 0.3241 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(183, 207, 211) }
```

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

```
.border{ border-color:rgb(183, 207, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 207, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 207, 211); box-shadow:4px 4px 4px 4px rgb(183, 207, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3961, 0.2925, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 207, 211) }
```

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

```
.background{ background-color: rgb(183,  
207, 211) }
```

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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