

Converting Colors

$Yxy(59.5438, 0.2925, 0.3265)$

Have a look what the booklet for
Yxy(59.5438, 0.2925, 0.3265)
contains.

Yxy(59.7100, 0.2924, 0.3265)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7100, 0.2924, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B6D0D2
RGB	182, 208, 210
RGB Percent	71%, 82%, 82%
CMY	0.2865, 0.1843, 0.1764
CMYK	0.13, 0.01, 0.00, 0.18
HSL	184°, 24%, 77%
HSV	184°, 13%, 82%
XYZ	53.4738, 59.7100, 69.6952
YIQ	200.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

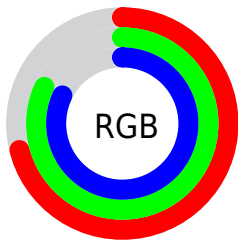
Format	Color
RYB	182, 195, 210
Decimal	11981010
CIELab	81.68, -8.27, -3.95
CIELCh	82, 9.164, 205.525
Yxy	59.7100, 0.2924, 0.3265
Android (android.graphics.Color)	4290171090 (0xFFB6D0D2)
YUV	200.4540, 4.7062, -16.1842
Hunter-Lab	77.2722, -11.7011, 0.6143

Details

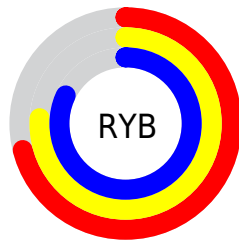
The Yxy color **59.7100, 0.2924, 0.3265** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.3465, 0.3367, 0.3315**, and the grayscale version is **58.0285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **30.1786, 0.2872, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **56.6149, 0.2781, 0.3245**, and if you desaturate by 10%, it is **63.2005, 0.3075, 0.3284**.

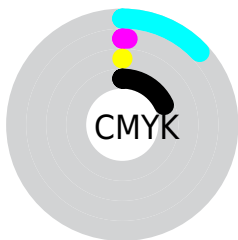
Distribution



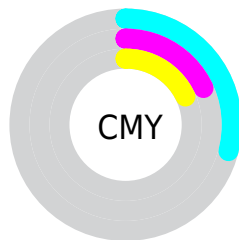
- Red (71%)
- Green (82%)
- Blue (82%)



- Red (71%)
- Yellow (76%)
- Blue (82%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)





- Cyan (29%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7100, 0.2924, 0.3265 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 59.7100, 0.2924, 0.3265 by changing the saturation by 10% instead.


 59.7100, 0.2924,
0.3265

 59.7100, 0.2924,
0.3265


423.5280, 0.3021,
0.3278

 43.1849, 0.2901,
0.3262


 104.4089, 0.2958,
0.3270

 30.0302, 0.2872,
0.3258

133.3515, 0.2971,
0.3271

 19.8615, 0.2835,
0.3252


167.2020, 0.2983,
0.3273

 12.2944, 0.2786,
0.3244

206.3449, 0.2992,
0.3274

 6.9445, 0.2716,
0.3232

251.1646, 0.3001,
0.3275

 3.4274, 0.2611,
0.3213

302.0454, 0.3008,

 1.3587, 0.2434,

0.3276

0.3176

359.3717, 0.3015,
0.3277

0.1860, 0.0000,
0.2799

0.0000, 0.0000,
0.0000

59.7100, 0.2924,
0.3265

59.7100, 0.2924,
0.3265

56.6149, 0.2781,
0.3245

63.2005, 0.3075,
0.3284

53.8906, 0.2648,
0.3223

67.0950, 0.3231,
0.3301

51.5214, 0.2528,
0.3200

71.4109, 0.3389,
0.3317

49.4874, 0.2425,
0.3176

74.0238, 0.3463,
0.3332

■ 47.7667, 0.2340,
0.3152

■ 74.7890, 0.3460,
0.3347

■ 46.3347, 0.2273,
0.3127

■ 75.5612, 0.3457,
0.3362

■ 45.1631, 0.2226,
0.3103

■ 76.3406, 0.3455,
0.3377

■ 44.2177, 0.2197,
0.3079

■ 77.1270, 0.3452,
0.3392

■ 43.6762, 0.2184,
0.3063

■ 77.9205, 0.3449,
0.3408

Harmonies

Analogous

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



59.7100, 0.3002, 0.3373



59.7100, 0.2924, 0.3265



59.7100, 0.2900, 0.3167

Triad

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



59.7100, 0.2924, 0.3265



59.7100, 0.3138, 0.3130



59.7100, 0.3321, 0.3477

Complementary

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



59.7100, 0.2924, 0.3265



51.3465, 0.3367, 0.3315

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.



59.7100, 0.3360, 0.3407



59.7100, 0.2924, 0.3265



59.7100, 0.3253, 0.3209

Square

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



59.7100, 0.2924, 0.3265



59.7100, 0.3022, 0.3091



59.7100, 0.3335, 0.3310



59.7100, 0.3231, 0.3496

Rectangle

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



59.7100, 0.2924, 0.3265



59.7100, 0.2917, 0.3120



59.7100, 0.3335, 0.3310



59.7100, 0.3341, 0.3458

Sweetspot

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



59.7125, 0.2924, 0.3265



97.6512, 0.3065, 0.3283



59.4983, 0.3098, 0.3617



20.8093, 0.3053, 0.3281



0.0000, 0.0000, 0.0000



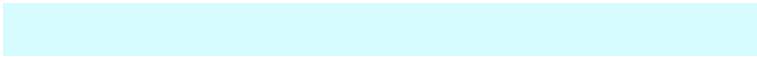
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7125, 0.2924, 0.3265



91.2157, 0.2883, 0.3259



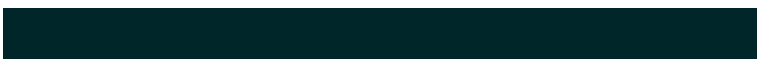
53.2295, 0.2919, 0.3093



13.2560, 0.2983, 0.3273



26.6975, 0.2185, 0.3066



1.5371, 0.2197, 0.3110

Inverse Universe

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



51.6965, 0.3158, 0.2985



76.4876, 0.3165, 0.2920



57.4051, 0.3345, 0.3479



11.9938, 0.3149, 0.3077



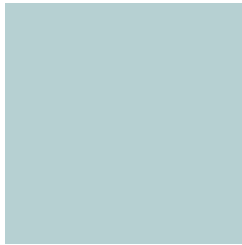
10.7664, 0.3396, 0.1645



0.6065, 0.3358, 0.1624

Previews

White Background



This preview shows how the Yxy color 59.7100, 0.2924, 0.3265 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 59.7100, 0.2924, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

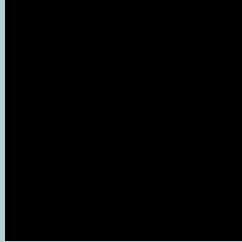
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

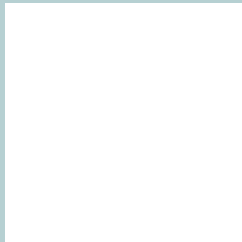
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7100, 0.2924, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 59.7100, 0.2924, 0.3265.



This preview shows how white text looks on a background with the Yxy color 59.7100, 0.2924, 0.3265.

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

59.7100, 0.2924, 0.3265

Protanopia

59.6764, 0.3122, 0.3243

Deuteranopia

59.5914, 0.3182, 0.3121



Tritanopia

59.6069, 0.2861, 0.3099

Trichromacy



Original Color

59.7100, 0.2924, 0.3265

Protanomaly

59.5610, 0.3053, 0.3254

Deuteranomaly

59.4556, 0.3087, 0.3174

Tritanomaly

59.7549, 0.2880, 0.3158

Monochromacy



Original Color

59.7100, 0.2924, 0.3265

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.4090, 0.3044, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7100, 0.2924, 0.3265 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(182, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 210)  
}
```

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(182, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.7100, 0.2924, 0.3265 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(182, 208, 210) }
```

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

```
.border{ border-color:rgb(182, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7100, 0.2924, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 210) }
```

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

```
.background{ background-color: rgb(182,  
208, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor