

Converting Colors

Yxy(59.9052, 0.3017, 0.3230)

Have a look what the booklet for
Yxy(59.9052, 0.3017, 0.3230)
contains.

Yxy(59.9179, 0.3018, 0.3230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.9179, 0.3018, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C3CDD2
RGB	195, 205, 210
RGB Percent	76%, 80%, 82%
CMY	0.2350, 0.1961, 0.1764
CMYK	0.07, 0.02, 0.00, 0.18
HSL	200°, 14%, 79%
HSV	200°, 7%, 82%
XYZ	55.9852, 59.9179, 69.6012
YIQ	202.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

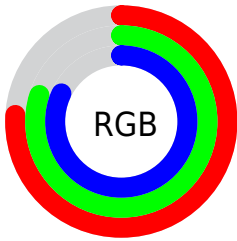
Format	Color
R_{YB}	195, 201, 210
Decimal	12832210
CIE _{Lab}	81.79, -2.39, -3.68
CIE _{LCh}	82, 4.387, 236.922
Yxy	59.9179, 0.3018, 0.3230
Android (android.graphics.Color)	4291022290 (0xFFC3CDD2)
YUV	202.5800, 3.6581, -6.6477
Hunter-Lab	77.4067, -6.3596, 0.8733

Details

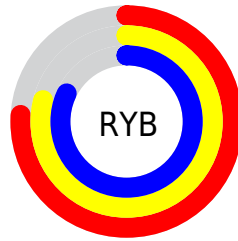
The Yxy color **59.9179, 0.3018, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0078, 0.3242, 0.3349**, and the grayscale version is **59.4325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **30.1962, 0.2983, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **54.0054, 0.2863, 0.3138**, and if you desaturate by 10%, it is **66.3822, 0.3171, 0.3313**.

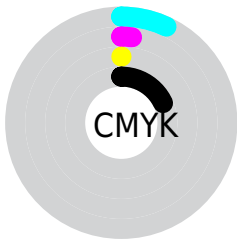
Distribution



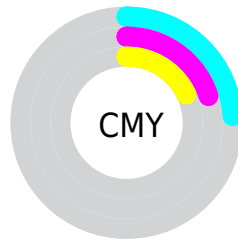
- Red (76%)
- Green (80%)
- Blue (82%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9179, 0.3018, 0.3230 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 59.9179, 0.3018, 0.3230 by changing the saturation by 10% instead.

■ 59.9179, 0.3018,
0.3230

■ 59.9179, 0.3018,
0.3230

424.2951, 0.3070,
0.3259

■ 43.3525, 0.3006,
0.3223

104.7106, 0.3036,
0.3240

■ 30.1618, 0.2990,
0.3214

133.7066, 0.3044,
0.3244

■ 19.9614, 0.2970,
0.3203

167.6149, 0.3050,
0.3248

■ 12.3670, 0.2943,
0.3188

206.8199, 0.3055,
0.3251

■ 6.9941, 0.2905,
0.3166

251.7061, 0.3059,
0.3253

■ 3.4584, 0.2848,
0.3132

302.6577, 0.3063,

■ 1.3755, 0.2749,

0.3255

0.3073

360.0593, 0.3067,
0.3257

0.1986, 0.1624,
0.2476

0.0000, 0.0000,
0.0000

59.9179, 0.3018,
0.3230

59.9179, 0.3018,
0.3230

54.0054, 0.2863,
0.3138

66.3822, 0.3171,
0.3313

48.6189, 0.2710,
0.3037

73.4080, 0.3320,
0.3387

43.7412, 0.2560,
0.2928

80.4261, 0.3441,
0.3454

39.3515, 0.2418,
0.2811

84.3606, 0.3429,
0.3524

■ 35.4271, 0.2288,
0.2688

■ 88.4560, 0.3417,
0.3592

■ 31.9431, 0.2172,
0.2560

■ 92.7140, 0.3406,
0.3660

■ 28.8713, 0.2075,
0.2431

■ 97.1366, 0.3394,
0.3726

■ 26.1794, 0.1999,
0.2301

■ 97.4343, 0.3393,
0.3730

■ 23.8248, 0.1942,
0.2174

Harmonies

Analogous

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



59.9179, 0.3028, 0.3277



59.9179, 0.3018, 0.3230



59.9179, 0.3037, 0.3200

Triad

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



59.9179, 0.3018, 0.3230



59.9179, 0.3190, 0.3253



59.9179, 0.3175, 0.3388

Complementary

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



59.9179, 0.3018, 0.3230



59.0078, 0.3242, 0.3349

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.



59.9179, 0.3218, 0.3380



59.9179, 0.3018, 0.3230



59.9179, 0.3227, 0.3303

Square

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



59.9179, 0.3018, 0.3230



59.9179, 0.3135, 0.3214



59.9179, 0.3238, 0.3349



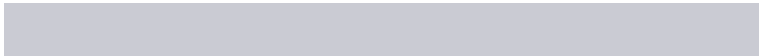
59.9179, 0.3118, 0.3368

Rectangle

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



59.9179, 0.3018, 0.3230



59.9179, 0.3063, 0.3194



59.9179, 0.3238, 0.3349



59.9179, 0.3191, 0.3388

Sweetspot

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



59.9204, 0.3018, 0.3230



97.9537, 0.3096, 0.3273



61.8886, 0.3085, 0.3409



20.9876, 0.3098, 0.3274



0.0000, 0.0000, 0.0000



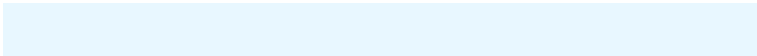
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9204, 0.3018, 0.3230



91.0679, 0.2987, 0.3213



56.4543, 0.3019, 0.3141



12.7079, 0.2983, 0.3210



14.3335, 0.1933, 0.2157



0.9448, 0.1997, 0.2389

Inverse Universe

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



57.1738, 0.3173, 0.3175



85.7332, 0.3186, 0.3142



62.5315, 0.3234, 0.3435



11.9385, 0.3189, 0.3137



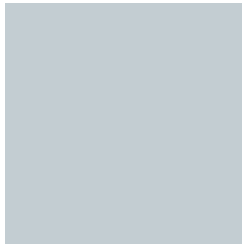
9.5182, 0.4279, 0.2131



0.5467, 0.4034, 0.1996

Previews

White Background



This preview shows how the Yxy color 59.9179, 0.3018, 0.3230 looks on a white background.

Color Contrast Check

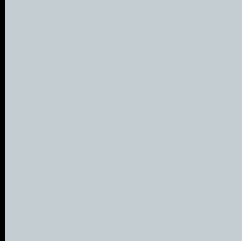
Large Text (above 18pt) WCAG AA × Fail

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 59.9179, 0.3018, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

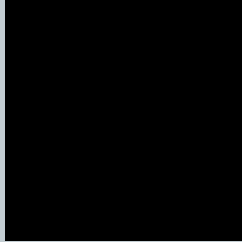
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

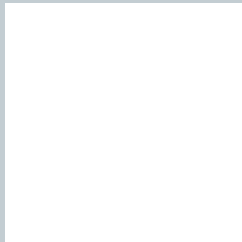
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9179, 0.3018, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 59.9179, 0.3018, 0.3230.



This preview shows how white text looks on a background with the Yxy color 59.9179, 0.3018, 0.3230.

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

59.9179, 0.3018, 0.3230

Protanopia

59.7743, 0.3107, 0.3220

Deuteranopia

59.7460, 0.3190, 0.3121



Tritanopia

59.7495, 0.2965, 0.3091

Trichromacy



Original Color

59.9179, 0.3018, 0.3230

Protanomaly

59.7328, 0.3070, 0.3220

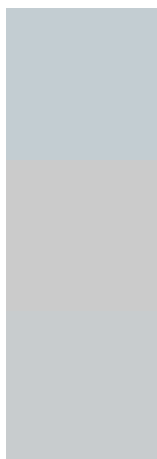
Deuteranomaly

59.7133, 0.3125, 0.3164

Tritanomaly

59.8794, 0.2984, 0.3149

Monochromacy



Original Color

59.9179, 0.3018, 0.3230

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9213, 0.3083, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9179, 0.3018, 0.3230 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(195, 205, 210)` looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 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(195, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.9179, 0.3018, 0.3230 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(195, 205, 210) }
```

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

```
.border{ border-color:rgb(195, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(195, 205,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9179, 0.3018, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 210) }
```

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

```
.background{ background-color: rgb(195,  
205, 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