

Converting Colors

$Yxy(59.6332, 0.2979, 0.3161)$

Have a look what the booklet for
Yxy(59.6332, 0.2979, 0.3161)
contains.

Yxy(59.5614, 0.2977, 0.3160)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.5614, 0.2977, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	C2CCD7
RGB	194, 204, 215
RGB Percent	76%, 80%, 84%
CMY	0.2390, 0.2000, 0.1570
CMYK	0.10, 0.05, 0.00, 0.16
HSL	211°, 21%, 80%
HSV	211°, 10%, 84%
XYZ	56.1121, 59.5614, 72.8119
YIQ	202.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

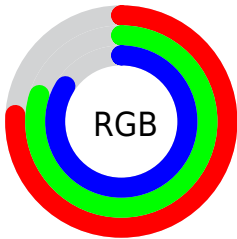
Format	Color
RYB	194, 201, 215
Decimal	12766423
CIELab	81.60, -1.24, -6.62
CIELCh	82, 6.736, 259.390
Yxy	59.5614, 0.2977, 0.3160
Android (android.graphics.Color)	4290956503 (0xFFC2CCD7)
YUV	202.2640, 6.2788, -7.2475
Hunter-Lab	77.1760, -5.2767, -1.9141

Details

The Yxy color **59.5614, 0.2977, 0.3160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0145, 0.3283, 0.3417**, and the grayscale version is **59.2050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **29.9262, 0.2937, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **51.7535, 0.2816, 0.3011**, and if you desaturate by 10%, it is **68.1740, 0.3131, 0.3293**.

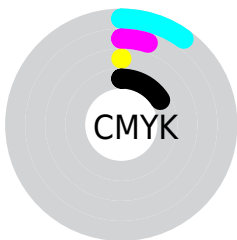
Distribution



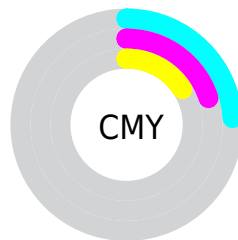
- Red (76%)
- Green (80%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5614, 0.2977, 0.3160 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 59.5614, 0.2977, 0.3160 by changing the saturation by 10% instead.

■ 59.5614, 0.2977,
0.3160

■ 59.5614, 0.2977,
0.3160

422.9792, 0.3049,
0.3223

■ 43.0652, 0.2960,
0.3145

■ 104.1932, 0.3002,
0.3182

■ 29.9363, 0.2939,
0.3126

133.0975, 0.3012,
0.3191

■ 19.7902, 0.2911,
0.3102

166.9067, 0.3020,
0.3198

■ 12.2427, 0.2874,
0.3070

206.0052, 0.3028,
0.3204

■ 6.9092, 0.2822,
0.3023

250.7772, 0.3034,
0.3210

■ 3.4054, 0.2743,
0.2953

301.6073, 0.3040,

■ 1.3468, 0.2609,

0.3214

0.2832

358.8799, 0.3044,
0.3219

■ 0.1770, 0.1422,
0.1824

■ 0.0000, 0.0000,
0.0000

■ 59.5614, 0.2977,
0.3160

■ 59.5614, 0.2977,
0.3160

■ 51.7535, 0.2816,
0.3011

■ 68.1740, 0.3131,
0.3293

■ 44.7170, 0.2651,
0.2847

■ 77.6081, 0.3277,
0.3412

■ 38.4271, 0.2486,
0.2668

■ 87.2128, 0.3389,
0.3518

■ 32.8547, 0.2324,
0.2476

■ 93.9798, 0.3372,
0.3626

■ 27.9684, 0.2171,
0.2275

■ 97.6851, 0.3364,
0.3681

■ 23.7339, 0.2032,
0.2070

■ 20.1130, 0.1913,
0.1866

■ 17.0619, 0.1818,
0.1669

■ 14.5112, 0.1746,
0.1484

Harmonies

Analogous

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



59.5614, 0.2960, 0.3213



59.5614, 0.2977, 0.3160



59.5614, 0.3034, 0.3142

Triad

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



59.5614, 0.2977, 0.3160



59.5614, 0.3270, 0.3289



59.5614, 0.3135, 0.3422

Complementary

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



59.5614, 0.2977, 0.3160



62.0145, 0.3283, 0.3417

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.



59.5614, 0.3219, 0.3442



59.5614, 0.2977, 0.3160



59.5614, 0.3298, 0.3364

Square

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



59.5614, 0.2977, 0.3160



59.5614, 0.3204, 0.3216



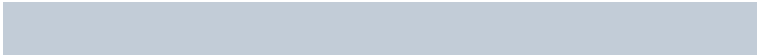
59.5614, 0.3279, 0.3420



59.5614, 0.3050, 0.3366

Rectangle

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



59.5614, 0.2977, 0.3160



59.5614, 0.3088, 0.3152



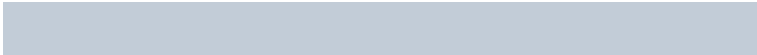
59.5614, 0.3279, 0.3420



59.5614, 0.3165, 0.3433

Sweetspot

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



59.5639, 0.2977, 0.3160



96.0442, 0.3081, 0.3251



64.4647, 0.3044, 0.3409



20.3351, 0.3069, 0.3241



0.0000, 0.0000, 0.0000



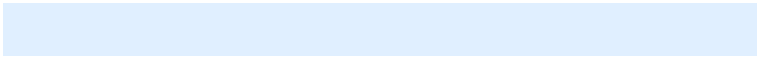
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5639, 0.2977, 0.3160



84.8342, 0.2939, 0.3126



55.0294, 0.2979, 0.3040



12.9729, 0.2982, 0.3165



8.8536, 0.1752, 0.1507



0.6991, 0.1842, 0.1830

Inverse Universe

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



57.4059, 0.3221, 0.3176



81.0155, 0.3246, 0.3147



66.8763, 0.3269, 0.3528



12.5182, 0.3217, 0.3180



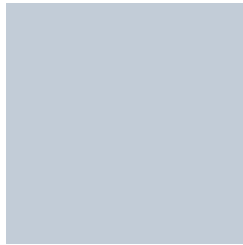
9.2386, 0.5051, 0.2556



0.5739, 0.4649, 0.2335

Previews

White Background



This preview shows how the Yxy color 59.5614, 0.2977, 0.3160 looks on a white background.

Color Contrast Check

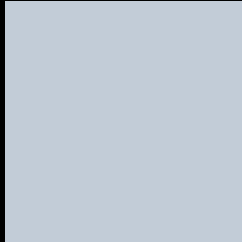
Large Text (above 18pt) WCAG AA × Fail

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 59.5614, 0.2977, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

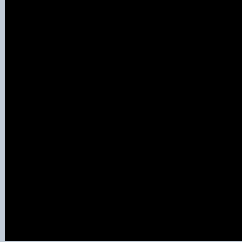
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

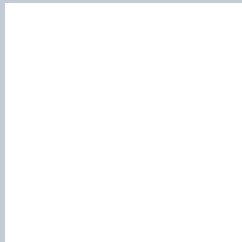
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5614, 0.2977, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 59.5614, 0.2977, 0.3160.

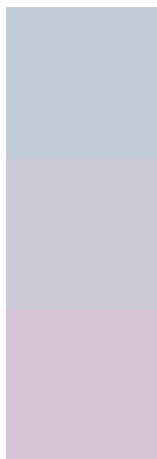


This preview shows how white text looks on a background with the Yxy color 59.5614, 0.2977, 0.3160.

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

59.5614, 0.2977, 0.3160

Protanopia

59.2739, 0.3057, 0.3150

Deuteranopia

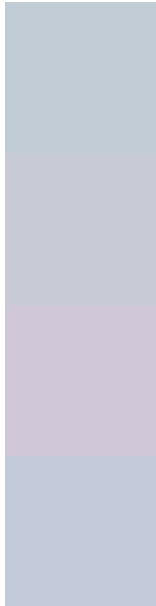
59.4893, 0.3137, 0.3076



Tritanopia

59.4284, 0.2957, 0.3102

Trichromacy



Original Color

59.5614, 0.2977, 0.3160

Protanomaly

59.3755, 0.3028, 0.3149

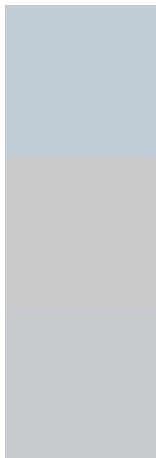
Deuteranomaly

59.6763, 0.3074, 0.3106

Tritanomaly

59.3759, 0.2964, 0.3114

Monochromacy



Original Color

59.5614, 0.2977, 0.3160

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3590, 0.3068, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5614, 0.2977, 0.3160 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(194, 204, 215) looks like.

```
.text, #text, p{  
    color:rgb(194, 204, 215)  
}
```

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(194, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 204, 215) }
```

Border

The CSS property to change the border of an element to Yxy 59.5614, 0.2977, 0.3160 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(194, 204, 215) }
```

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

```
.border{ border-color:rgb(194, 204, 215) }
```

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

Here you see how a box with a 4 pixel rgb(194, 204, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(194, 204,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5614, 0.2977, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 204, 215) }
```

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

```
.background{ background-color: rgb(194,  
204, 215) }
```

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