

Converting Colors

Yxy(59.2379, 0.2974, 0.3166)

Have a look what the booklet for
Yxy(59.2379, 0.2974, 0.3166)
contains.

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Color

Yxy(59.3782, 0.2976, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	C1CCD6
RGB	193, 204, 214
RGB Percent	76%, 80%, 84%
CMY	0.2431, 0.2000, 0.1607
CMYK	0.10, 0.05, 0.00, 0.16
HSL	209°, 20%, 80%
HSV	209°, 10%, 84%
XYZ	55.7267, 59.3782, 72.1489
YIQ	201.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

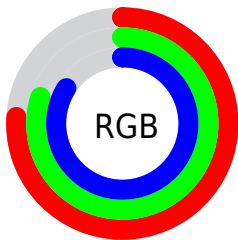
Format	Color
R _Y B	193, 200, 214
Decimal	12700886
CIE Lab	81.50, -1.77, -6.26
CIE LCh	81, 6.506, 254.206
Yxy	59.3782, 0.2976, 0.3171
Android (android.graphics.Color)	4290890966 (0xFFC1CCD6)
YUV	201.8510, 5.9895, -7.7623
Hunter-Lab	77.0573, -5.7614, -1.5733

Details

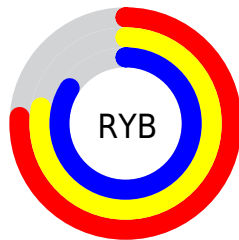
The Yxy color **59.3782, 0.2976, 0.3171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8747, 0.3286, 0.3406**, and the grayscale version is **58.9347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **29.8049, 0.2937, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **52.0743, 0.2817, 0.3036**, and if you desaturate by 10%, it is **67.4121, 0.3130, 0.3292**.

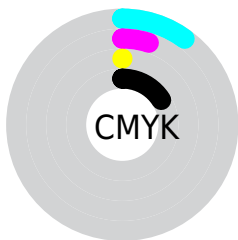
Distribution



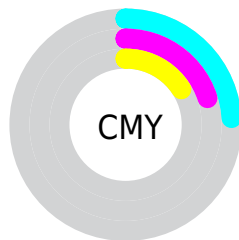
- Red (76%)
- Green (80%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- 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 59.3782, 0.2976, 0.3171 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 59.3782, 0.2976, 0.3171 by changing the saturation by 10% instead.

■ 59.3782, 0.2976,
0.3171

■ 59.3782, 0.2976,
0.3171

422.3020, 0.3048,
0.3228

■ 42.9176, 0.2959,
0.3157

■ 103.9271, 0.3002,
0.3191

■ 29.8205, 0.2937,
0.3140

132.7843, 0.3011,
0.3199

■ 19.7024, 0.2910,
0.3118

166.5425, 0.3020,
0.3206

■ 12.1789, 0.2872,
0.3088

205.5860, 0.3027,
0.3212

■ 6.8656, 0.2820,
0.3045

250.2994, 0.3033,
0.3217

■ 3.3782, 0.2740,
0.2979

301.0669, 0.3039,

■ 1.3322, 0.2605,

0.3221

0.2867

358.2730, 0.3044,
0.3225

0.1660, 0.1274,
0.1846

0.0000, 0.0000,
0.0000

59.3782, 0.2976,
0.3171

59.3782, 0.2976,
0.3171

52.0743, 0.2817,
0.3036

67.4121, 0.3130,
0.3292

45.4695, 0.2655,
0.2887

76.1906, 0.3277,
0.3400

39.5413, 0.2494,
0.2726

85.3139, 0.3401,
0.3496

34.2632, 0.2338,
0.2553

91.3144, 0.3385,
0.3595

■ 29.6064, 0.2191,
0.2371

■ 97.6356, 0.3369,
0.3691

■ 25.5394, 0.2060,
0.2185

■ 22.0271, 0.1948,
0.1998

■ 19.0287, 0.1858,
0.1816

■ 16.4779, 0.1790,
0.1643

Harmonies

Analogous

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



59.3782, 0.2966, 0.3227



59.3782, 0.2976, 0.3171



59.3782, 0.3026, 0.3147

Triad

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



59.3782, 0.2976, 0.3171



59.3782, 0.3257, 0.3277



59.3782, 0.3150, 0.3424

Complementary

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



59.3782, 0.2976, 0.3171



60.8747, 0.3286, 0.3406

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.



59.3782, 0.3229, 0.3436



59.3782, 0.2976, 0.3171



59.3782, 0.3291, 0.3350

Square

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



59.3782, 0.2976, 0.3171



59.3782, 0.3187, 0.3208



59.3782, 0.3280, 0.3408



59.3782, 0.3066, 0.3375

Rectangle

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



59.3782, 0.2976, 0.3171



59.3782, 0.3075, 0.3152



59.3782, 0.3280, 0.3408



59.3782, 0.3178, 0.3432

Sweetspot

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



59.3807, 0.2976, 0.3171



96.2721, 0.3081, 0.3255



63.7415, 0.3050, 0.3423



20.3966, 0.3069, 0.3245



0.0000, 0.0000, 0.0000



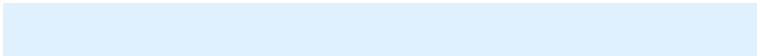
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3807, 0.2976, 0.3171



85.6911, 0.2940, 0.3141



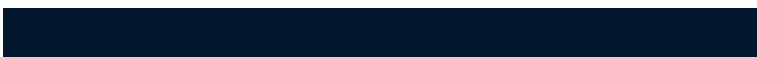
54.6532, 0.2975, 0.3047



13.0729, 0.2982, 0.3176



10.1411, 0.1796, 0.1665



0.7770, 0.1880, 0.1967

Inverse Universe

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



56.8051, 0.3214, 0.3164



81.1020, 0.3237, 0.3133



65.8942, 0.3273, 0.3522



12.5282, 0.3210, 0.3169



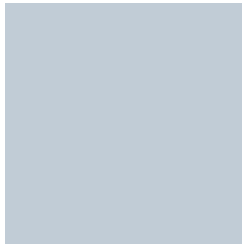
9.3686, 0.4850, 0.2445



0.5818, 0.4490, 0.2247

Previews

White Background



This preview shows how the Yxy color 59.3782, 0.2976, 0.3171 looks on a white background.

Color Contrast Check

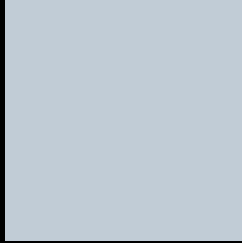
Large Text (above 18pt) WCAG AA × Fail

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 59.3782, 0.2976, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

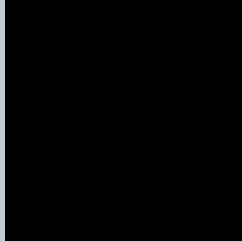
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

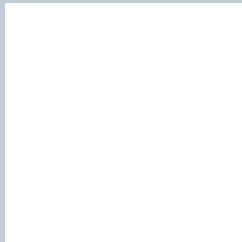
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3782, 0.2976, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 59.3782, 0.2976, 0.3171.

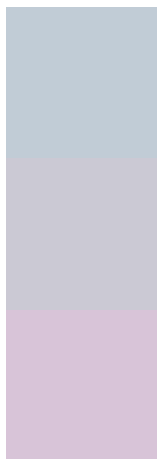


This preview shows how white text looks on a background with the Yxy color 59.3782, 0.2976, 0.3171.

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

59.3782, 0.2976, 0.3171

Protanopia

59.2233, 0.3064, 0.3162

Deuteranopia

59.0367, 0.3138, 0.3064



Tritanopia

59.2957, 0.2950, 0.3102

Trichromacy



Original Color

59.3782, 0.2976, 0.3171

Protanomaly

59.1873, 0.3027, 0.3161

Deuteranomaly

59.1630, 0.3082, 0.3106

Tritanomaly

59.1910, 0.2963, 0.3125

Monochromacy



Original Color

59.3782, 0.2976, 0.3171

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3102, 0.3075, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3782, 0.2976, 0.3171 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(193, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 214)  
}
```

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(193, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 214) }
```

Border

The CSS property to change the border of an element to Yxy 59.3782, 0.2976, 0.3171 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(193, 204, 214) }
```

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

```
.border{ border-color:rgb(193, 204, 214) }
```

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

Here you see how a box with a 4 pixel rgb(193, 204, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3782, 0.2976, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 214) }
```

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

```
.background{ background-color: rgb(193,  
204, 214) }
```

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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