

Converting Colors

$Y_{xy}(59.3656, 0.3076, 0.3273)$

Have a look what the booklet for
Yxy(59.3656, 0.3076, 0.3273)
contains.

Yxy(59.1254, 0.3075, 0.3266)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.1254, 0.3075, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C6CBCD
RGB	198, 203, 205
RGB Percent	78%, 80%, 80%
CMY	0.2235, 0.2039, 0.1960
CMYK	0.03, 0.01, 0.00, 0.20
HSL	197°, 7%, 79%
HSV	197°, 3%, 80%
XYZ	55.6677, 59.1254, 66.2400
YIQ	201.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

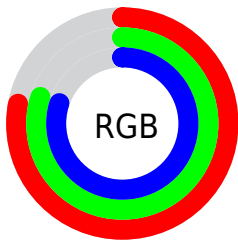
Format	Color
RYB	198, 201, 205
Decimal	13028301
CIELab	81.36, -1.32, -1.60
CIElCh	81, 2.078, 230.504
Yxy	59.1254, 0.3075, 0.3266
Android (android.graphics.Color)	4291218381 (0xFFC6CBCD)
YUV	201.7330, 1.6106, -3.2738
Hunter-Lab	76.8930, -5.3355, 2.7494

Details

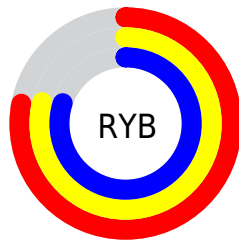
The Yxy color **59.1254, 0.3075, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3783, 0.3181, 0.3314**, and the grayscale version is **58.8821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.6585, 0.3058, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **53.7989, 0.2922, 0.3191**, and if you desaturate by 10%, it is **64.9396, 0.3227, 0.3334**.

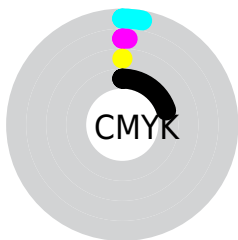
Distribution



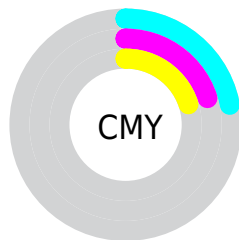
- Red (78%)
- Green (80%)
- Blue (80%)



- Red (78%)
- Yellow (79%)
- Blue (80%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1254, 0.3075, 0.3266 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 59.1254, 0.3075, 0.3266 by changing the saturation by 10% instead.

■ 59.1254, 0.3075,
0.3266

■ 59.1254, 0.3075,
0.3266

421.3665, 0.3100,
0.3278

■ 42.7141, 0.3069,
0.3263

103.5599, 0.3084,
0.3270

■ 29.6608, 0.3062,
0.3260

132.3519, 0.3087,
0.3272

■ 19.5813, 0.3052,
0.3255

166.0395, 0.3090,
0.3273

■ 12.0911, 0.3039,
0.3249

205.0072, 0.3093,
0.3274

■ 6.8057, 0.3020,
0.3240

249.6393, 0.3095,
0.3275

■ 3.3409, 0.2992,
0.3226

300.3203, 0.3097,

■ 1.3122, 0.2943,

0.3276

0.3203

357.4346, 0.3099,
0.3277

0.1506, 0.2063,
0.2802

0.0000, 0.0000,
0.0000

59.1254, 0.3075,
0.3266

59.1254, 0.3075,
0.3266

53.7989, 0.2922,
0.3191

64.9396, 0.3227,
0.3334

48.9365, 0.2770,
0.3108

71.2494, 0.3376,
0.3395

44.5234, 0.2622,
0.3018

77.2046, 0.3487,
0.3450

40.5411, 0.2482,
0.2922

80.3627, 0.3476,
0.3509

■ 36.9697, 0.2353,
0.2820

■ 83.6309, 0.3465,
0.3566

■ 33.7874, 0.2239,
0.2715

■ 87.0103, 0.3454,
0.3623

■ 30.9697, 0.2142,
0.2606

■ 90.5019, 0.3443,
0.3680

■ 28.4888, 0.2065,
0.2498

■ 94.1068, 0.3432,
0.3735

■ 26.3111, 0.2008,
0.2390

■ 97.1882, 0.3424,
0.3780

Harmonies

Analogous

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



59.1254, 0.3083, 0.3289



59.1254, 0.3075, 0.3266



59.1254, 0.3081, 0.3250

Triad

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



59.1254, 0.3075, 0.3266



59.1254, 0.3152, 0.3268



59.1254, 0.3155, 0.3337

Complementary

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



59.1254, 0.3075, 0.3266



58.3783, 0.3181, 0.3314

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.



59.1254, 0.3174, 0.3331



59.1254, 0.3075, 0.3266



59.1254, 0.3172, 0.3291

Square

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



59.1254, 0.3075, 0.3266



59.1254, 0.3125, 0.3251



59.1254, 0.3180, 0.3314



59.1254, 0.3129, 0.3330

Rectangle

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



59.1254, 0.3075, 0.3266



59.1254, 0.3092, 0.3245



59.1254, 0.3180, 0.3314



59.1254, 0.3162, 0.3336

Sweetspot

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



59.1279, 0.3075, 0.3266



99.0531, 0.3112, 0.3283



59.8444, 0.3109, 0.3350



21.2114, 0.3112, 0.3283



0.0000, 0.0000, 0.0000



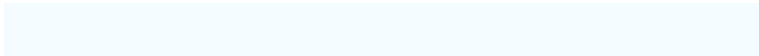
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1279, 0.3075, 0.3266



96.2614, 0.3065, 0.3261



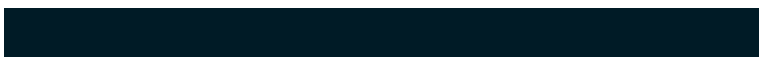
57.5080, 0.3076, 0.3225



12.7125, 0.3055, 0.3257



15.7340, 0.1982, 0.2335



0.9375, 0.2040, 0.2544

Inverse Universe

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



57.6878, 0.3146, 0.3231



93.4766, 0.3149, 0.3220



60.0034, 0.3178, 0.3355



12.2862, 0.3153, 0.3209



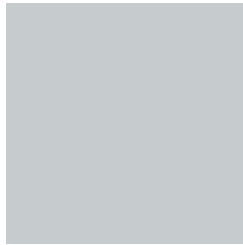
9.3913, 0.4090, 0.2027



0.4972, 0.3879, 0.1911

Previews

White Background



This preview shows how the Yxy color 59.1254, 0.3075, 0.3266 looks on a white background.

Color Contrast Check

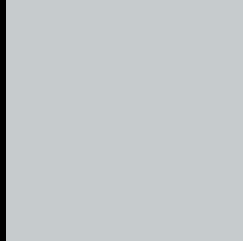
Large Text (above 18pt) WCAG AA × Fail

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 59.1254, 0.3075, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

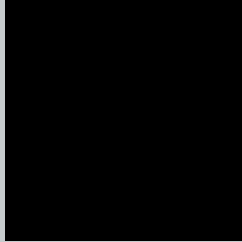
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

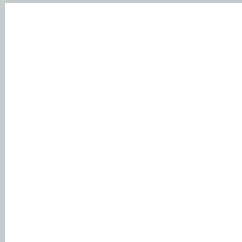
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1254, 0.3075, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 59.1254, 0.3075, 0.3266.

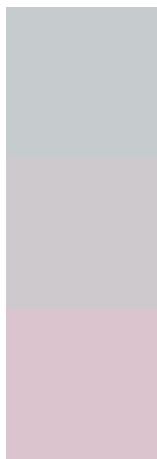


This preview shows how white text looks on a background with the Yxy color 59.1254, 0.3075, 0.3266.

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

59.1254, 0.3075, 0.3266

Protanopia

59.1121, 0.3137, 0.3255

Deuteranopia

58.9962, 0.3236, 0.3177



Tritanopia

59.0624, 0.3007, 0.3103

Trichromacy



Original Color

59.1254, 0.3075, 0.3266

Protanomaly

59.1572, 0.3113, 0.3266

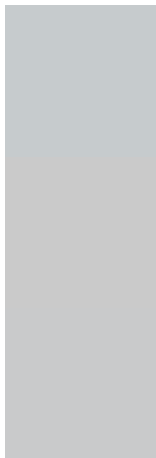
Deuteranomaly

59.1520, 0.3170, 0.3209

Tritanomaly

59.1873, 0.3027, 0.3161

Monochromacy



Original Color

59.1254, 0.3075, 0.3266

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9704, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1254, 0.3075, 0.3266 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(198, 203, 205)` looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 205)  
}
```

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(198, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 205) }
```

Border

The CSS property to change the border of an element to Yxy 59.1254, 0.3075, 0.3266 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(198, 203, 205) }
```

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

```
.border{ border-color:rgb(198, 203, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1254, 0.3075, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 205) }
```

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

```
.background{ background-color: rgb(198,  
203, 205) }
```

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