

Converting Colors

Yxy(59.1336, 0.3032, 0.3157)

Have a look what the booklet for
Yxy(59.1336, 0.3032, 0.3157)
contains.

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Color

Yxy(59.3245, 0.3035, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	C8CAD5
RGB	200, 202, 213
RGB Percent	78%, 79%, 84%
CMY	0.2155, 0.2079, 0.1647
CMYK	0.06, 0.05, 0.00, 0.16
HSL	231°, 13%, 81%
HSV	231°, 6%, 84%
XYZ	56.9598, 59.3245, 71.3921
YIQ	202.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

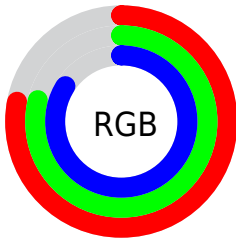
Format	Color
R _Y B	200, 202, 213
Decimal	13159125
CIE Lab	81.47, 1.42, -5.70
CIE LCh	81, 5.874, 283.988
Yxy	59.3245, 0.3035, 0.3161
Android (android.graphics.Color)	4291349205 (0xFFC8CAD5)
YUV	202.6560, 5.0996, -2.3293
Hunter-Lab	77.0224, -2.7845, -1.0402

Details

The Yxy color **59.3245, 0.3035, 0.3161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9338, 0.3218, 0.3416**, and the grayscale version is **59.4694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.7594, 0.3013, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **48.5879, 0.2870, 0.2926**, and if you desaturate by 10%, it is **71.4724, 0.3183, 0.3368**.

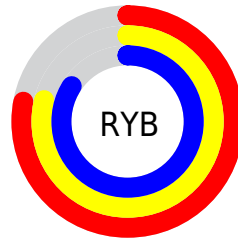
Distribution



Red (78%)

Green (79%)

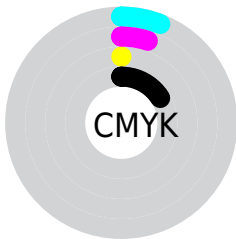
Blue (84%)



Red (78%)

Yellow (79%)

Blue (84%)

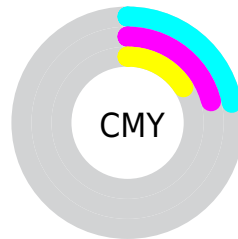


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3245, 0.3035, 0.3161 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 59.3245, 0.3035, 0.3161 by changing the saturation by 10% instead.

■ 59.3245, 0.3035,
0.3161

■ 59.3245, 0.3035,
0.3161

422.1034, 0.3079,
0.3223

■ 42.8744, 0.3024,
0.3146

103.8491, 0.3051,
0.3183

■ 29.7866, 0.3011,
0.3128

132.6925, 0.3057,
0.3191

■ 19.6767, 0.2994,
0.3104

166.4357, 0.3062,
0.3198

■ 12.1602, 0.2971,
0.3073

205.4631, 0.3066,
0.3205

■ 6.8529, 0.2938,
0.3028

250.1592, 0.3070,
0.3210

■ 3.3703, 0.2888,
0.2959

300.9084, 0.3074,

■ 1.3280, 0.2802,

0.3215

0.2844

358.0950, 0.3077,
0.3219

0.1627, 0.2041,
0.1754

0.0000, 0.0000,
0.0000

59.3245, 0.3035,
0.3161

59.3245, 0.3035,
0.3161

48.5879, 0.2870,
0.2926

71.4724, 0.3183,
0.3368

39.2039, 0.2690,
0.2663

85.0727, 0.3316,
0.3549

31.1208, 0.2497,
0.2374

97.5836, 0.3376,
0.3701

24.2807, 0.2297,
0.2067

■ 18.6210, 0.2099,
0.1752

■ 14.0741, 0.1914,
0.1445

■ 10.5648, 0.1755,
0.1166

■ 8.0087, 0.1633,
0.0934

■ 6.3063, 0.1554,
0.0763

Harmonies

Analogous

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



59.3245, 0.2990, 0.3183



59.3245, 0.3035, 0.3161



59.3245, 0.3105, 0.3173

Triad

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



59.3245, 0.3035, 0.3161



59.3245, 0.3275, 0.3343



59.3245, 0.3073, 0.3367

Complementary

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



59.3245, 0.3035, 0.3161



64.9338, 0.3218, 0.3416

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.



59.3245, 0.3148, 0.3411



59.3245, 0.3035, 0.3161



59.3245, 0.3266, 0.3396

Square

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



59.3245, 0.3035, 0.3161



59.3245, 0.3244, 0.3277



59.3245, 0.3219, 0.3422



59.3245, 0.3012, 0.3301

Rectangle

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



59.3245, 0.3035, 0.3161



59.3245, 0.3156, 0.3199



59.3245, 0.3219, 0.3422



59.3245, 0.3097, 0.3385

Sweetspot

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



59.3270, 0.3035, 0.3161



96.3093, 0.3097, 0.3248



64.5763, 0.3046, 0.3312



20.6529, 0.3099, 0.3250



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.



59.3270, 0.3035, 0.3161



87.4642, 0.3019, 0.3139



59.0579, 0.3070, 0.3140



12.7686, 0.3012, 0.3128



3.6536, 0.1536, 0.0729



0.3177, 0.1611, 0.0998

Inverse Universe

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



59.7428, 0.3214, 0.3268



88.1958, 0.3230, 0.3264



65.2335, 0.3182, 0.3439



12.8837, 0.3237, 0.3263



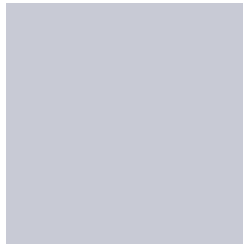
8.7137, 0.6184, 0.3181



0.5354, 0.5762, 0.2948

Previews

White Background



This preview shows how the Yxy color 59.3245, 0.3035, 0.3161 looks on a white background.

Color Contrast Check

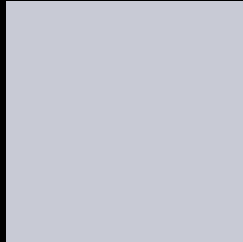
Large Text (above 18pt) WCAG AA × Fail

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 59.3245, 0.3035, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

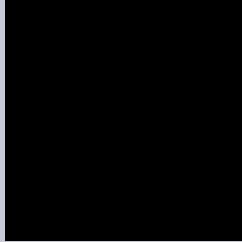
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

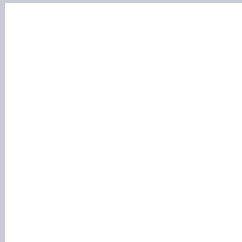
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3245, 0.3035, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 59.3245, 0.3035, 0.3161.

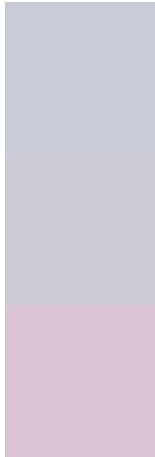


This preview shows how white text looks on a background with the Yxy color 59.3245, 0.3035, 0.3161.

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

59.3245, 0.3035, 0.3161

Protanopia

59.2233, 0.3064, 0.3162

Deuteranopia

59.0866, 0.3160, 0.3087



Tritanopia

59.2005, 0.3014, 0.3104

Trichromacy



Original Color

59.3245, 0.3035, 0.3161

Protanomaly

59.0833, 0.3057, 0.3161

Deuteranomaly

59.0921, 0.3112, 0.3107

Tritanomaly

59.1487, 0.3021, 0.3115

Monochromacy



Original Color

59.3245, 0.3035, 0.3161

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7734, 0.3091, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3245, 0.3035, 0.3161 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(200, 202, 213) looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 213)  
}
```

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(200, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 213) }
```

Border

The CSS property to change the border of an element to Yxy 59.3245, 0.3035, 0.3161 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(200, 202, 213) }
```

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

```
.border{ border-color:rgb(200, 202, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 213);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3245, 0.3035, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 213) }
```

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

```
.background{ background-color: rgb(200,  
202, 213) }
```

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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