

Converting Colors

Yxy(59.1427, 0.3066, 0.3128)

Have a look what the booklet for
Yxy(59.1427, 0.3066, 0.3128)
contains.

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Color

Yxy(59.1427, 0.3066, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	CDC8D6
RGB	205, 200, 214
RGB Percent	80%, 78%, 84%
CMY	0.1960, 0.2157, 0.1609
CMYK	0.04, 0.07, 0.00, 0.16
HSL	262°, 15%, 81%
HSV	262°, 7%, 84%
XYZ	57.9704, 59.1427, 71.9620
YIQ	203.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

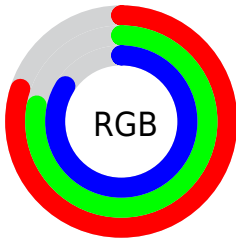
Format	Color
R _Y B	205, 200, 214
Decimal	13486294
CIE Lab	81.37, 4.33, -6.33
CIE LCh	81, 7.670, 304.351
Yxy	59.1427, 0.3066, 0.3128
Android (android.graphics.Color)	4291676374 (0xFFCDC8D6)
YUV	203.0910, 5.3781, 1.6742
Hunter-Lab	76.9043, -0.0293, -1.6467

Details

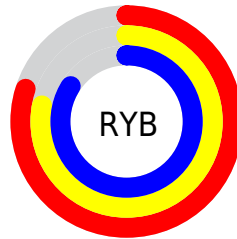
The Yxy color **59.1427, 0.3066, 0.3128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8002, 0.3186, 0.3451**, and the grayscale version is **59.7498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.6403, 0.3055, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **48.0523, 0.2960, 0.2859**, and if you desaturate by 10%, it is **71.7961, 0.3157, 0.3372**.

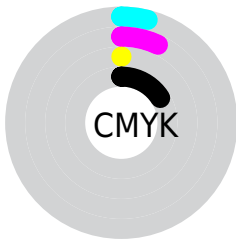
Distribution



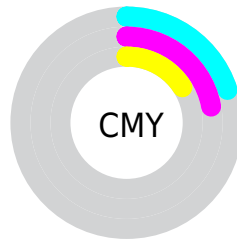
- Red (80%)
- Green (78%)
- Blue (84%)



- Red (80%)
- Yellow (78%)
- Blue (84%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1427, 0.3066, 0.3128 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 59.1427, 0.3066, 0.3128 by changing the saturation by 10% instead.

■ 59.1427, 0.3066,
0.3128

■ 59.1427, 0.3066,
0.3128

421.4305, 0.3096,
0.3205

■ 42.7280, 0.3059,
0.3110

103.5850, 0.3077,
0.3155

■ 29.6718, 0.3050,
0.3087

132.3815, 0.3081,
0.3166

■ 19.5896, 0.3038,
0.3058

166.0739, 0.3084,
0.3175

■ 12.0971, 0.3022,
0.3019

205.0468, 0.3087,
0.3182

■ 6.8098, 0.3000,
0.2963

249.6845, 0.3090,
0.3189

■ 3.3434, 0.2964,
0.2880

300.3714, 0.3092,

■ 1.3136, 0.2903,

0.3195

0.2742

357.4920, 0.3094,
0.3200

0.1517, 0.2475,
0.1503

0.0000, 0.0000,
0.0000

59.1427, 0.3066,
0.3128

59.1427, 0.3066,
0.3128

48.0523, 0.2960,
0.2859

71.7961, 0.3157,
0.3372

38.4556, 0.2838,
0.2568

86.0630, 0.3235,
0.3590

30.2894, 0.2701,
0.2260

95.9940, 0.3312,
0.3698

23.4828, 0.2550,
0.1944

97.6338, 0.3370,
0.3691

■ 17.9589, 0.2391,
0.1634

■ 13.6327, 0.2229,
0.1347

■ 10.4085, 0.2072,
0.1100

■ 8.1753, 0.1930,
0.0911

■ 6.7926, 0.1810,
0.0785

Harmonies

Analogous

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



59.1427, 0.2984, 0.3126



59.1427, 0.3066, 0.3128



59.1427, 0.3166, 0.3172

Triad

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



59.1427, 0.3066, 0.3128



59.1427, 0.3318, 0.3410



59.1427, 0.2999, 0.3334

Complementary

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



59.1427, 0.3066, 0.3128



65.8002, 0.3186, 0.3451

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.



59.1427, 0.3086, 0.3413



59.1427, 0.3066, 0.3128



59.1427, 0.3272, 0.3456

Square

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



59.1427, 0.3066, 0.3128



59.1427, 0.3313, 0.3332



59.1427, 0.3186, 0.3458



59.1427, 0.2945, 0.3243

Rectangle

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



59.1427, 0.3066, 0.3128



59.1427, 0.3229, 0.3219



59.1427, 0.3186, 0.3458



59.1427, 0.3025, 0.3363

Sweetspot

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



59.1452, 0.3066, 0.3128



96.1746, 0.3109, 0.3241



62.7760, 0.3027, 0.3233



20.6254, 0.3110, 0.3244



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.



59.1452, 0.3066, 0.3128



85.2727, 0.3051, 0.3088



60.1421, 0.3118, 0.3131



12.2237, 0.3037, 0.3053



3.9390, 0.1787, 0.0758



0.2835, 0.1983, 0.0866

Inverse Universe

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



60.2029, 0.3171, 0.3188



87.2047, 0.3182, 0.3163



64.8216, 0.3135, 0.3453



12.5534, 0.3192, 0.3142



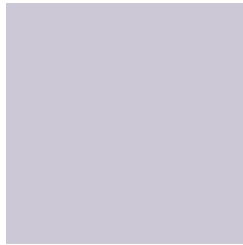
9.7552, 0.4368, 0.2180



0.6040, 0.4116, 0.2041

Previews

White Background



This preview shows how the Yxy color 59.1427, 0.3066, 0.3128 looks on a white background.

Color Contrast Check

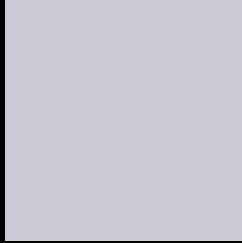
Large Text (above 18pt) WCAG AA × Fail

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 59.1427, 0.3066, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

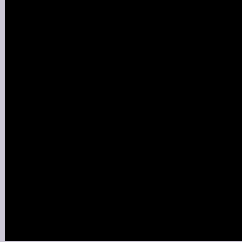
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

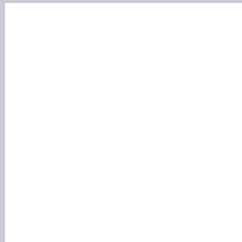
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1427, 0.3066, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 59.1427, 0.3066, 0.3128.

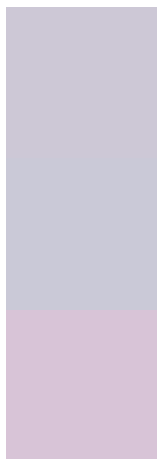


This preview shows how white text looks on a background with the Yxy color 59.1427, 0.3066, 0.3128.

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

59.1427, 0.3066, 0.3128

Protanopia

59.2361, 0.3036, 0.3127

Deuteranopia

58.9851, 0.3145, 0.3075



Tritanopia

59.2456, 0.3052, 0.3105

Trichromacy



Original Color

59.1427, 0.3066, 0.3128

Protanomaly

59.3761, 0.3043, 0.3127

Deuteranomaly

58.8358, 0.3113, 0.3085

Tritanomaly

59.1940, 0.3059, 0.3116

Monochromacy



Original Color

59.1427, 0.3066, 0.3128

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5834, 0.3107, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1427, 0.3066, 0.3128 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(205, 200, 214)` looks like.

```
.text, #text, p{  
    color:rgb(205, 200, 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(205, 200, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 200, 214) }
```

Border

The CSS property to change the border of an element to Yxy 59.1427, 0.3066, 0.3128 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(205, 200, 214) }
```

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

```
.border{ border-color:rgb(205, 200, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 200, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 200, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 200, 214);  
box-shadow:4px 4px 4px 4px rgb(205, 200,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1427, 0.3066, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 200, 214) }
```

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

```
.background{ background-color: rgb(205,  
200, 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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