

Converting Colors

Yxy(59.1522, 0.2814, 0.3036)

Have a look what the booklet for
Yxy(59.1522, 0.2814, 0.3036)
contains.

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Color

Yxy(59.0325, 0.2808, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	B5CDE3
RGB	181, 205, 227
RGB Percent	71%, 80%, 89%
CMY	0.2904, 0.1960, 0.1098
CMYK	0.20, 0.10, 0.00, 0.11
HSL	209°, 45%, 80%
HSV	209°, 20%, 89%
XYZ	54.7435, 59.0325, 81.1794
YIQ	200.3320, -21.3660, 1.7540

Conversions

Conversions Part 2

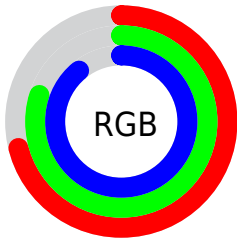
Format	Color
R _Y B	181, 197, 227
Decimal	11914723
CIE Lab	81.31, -3.43, -13.58
CIE LCh	81, 14.005, 255.825
Yxy	59.0325, 0.2808, 0.3028
Android (android.graphics.Color)	4290104803 (0xFFB5CDE3)
YUV	200.3320, 13.1473, -16.9542
Hunter-Lab	76.8326, -7.2752, -8.8615

Details

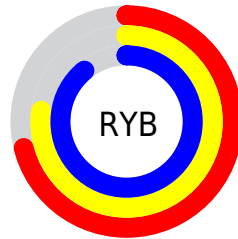
The Yxy color **59.0325, 0.2808, 0.3028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3450, 0.3482, 0.3539**, and the grayscale version is **57.8979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **29.7010, 0.2730, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **51.5050, 0.2646, 0.2878**, and if you desaturate by 10%, it is **67.3709, 0.2968, 0.3164**.

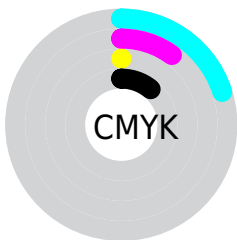
Distribution



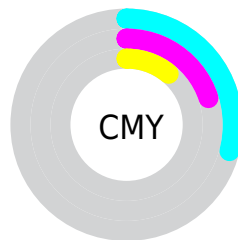
- Red (71%)
- Green (80%)
- Blue (89%)



- Red (71%)
- Yellow (77%)
- Blue (89%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0325, 0.2808, 0.3028 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 59.0325, 0.2808, 0.3028 by changing the saturation by 10% instead.

■ 59.0325, 0.2808,
0.3028

■ 59.0325, 0.2808,
0.3028

421.0223, 0.2960,
0.3154

■ 42.6393, 0.2772,
0.2998

■ 103.4249, 0.2862,
0.3073

■ 29.6022, 0.2728,
0.2960

132.1929, 0.2882,
0.3090

■ 19.5368, 0.2670,
0.2912

165.8545, 0.2900,
0.3104

■ 12.0588, 0.2594,
0.2846

204.7943, 0.2915,
0.3117

■ 6.7838, 0.2487,
0.2754

249.3966, 0.2928,
0.3128

■ 3.3272, 0.2329,
0.2614

300.0458, 0.2940,

■ 1.3049, 0.2072,

0.3138

0.2382

357.1262, 0.2951,
0.3146

0.1450, 0.0412,
0.1104

0.0000, 0.0000,
0.0000

59.0325, 0.2808,
0.3028

59.0325, 0.2808,
0.3028

51.5050, 0.2646,
0.2878

67.3709, 0.2968,
0.3164

44.7523, 0.2484,
0.2715

76.5402, 0.3123,
0.3287

38.7461, 0.2328,
0.2540

86.5685, 0.3271,
0.3396

33.4529, 0.2182,
0.2357

94.1634, 0.3299,
0.3499

■ 28.8360, 0.2051,
0.2170

■ 98.3259, 0.3292,
0.3562

■ 24.8546, 0.1940,
0.1983

■ 21.4610, 0.1852,
0.1801

■ 18.6532, 0.1787,
0.1632

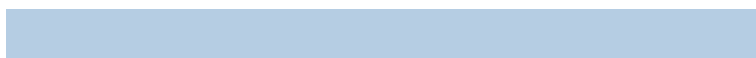
Harmonies

Analogous

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



59.0325, 0.2783, 0.3143



59.0325, 0.2808, 0.3028



59.0325, 0.2916, 0.2986

Triad

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



59.0325, 0.2808, 0.3028



59.0325, 0.3414, 0.3267



59.0325, 0.3164, 0.3580

Complementary

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



59.0325, 0.2808, 0.3028



62.3450, 0.3482, 0.3539

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.



59.0325, 0.3336, 0.3608



59.0325, 0.2808, 0.3028



59.0325, 0.3484, 0.3421

Square

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



59.0325, 0.2808, 0.3028



59.0325, 0.3265, 0.3122



59.0325, 0.3455, 0.3547



59.0325, 0.2985, 0.3467

Rectangle

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



59.0325, 0.2808, 0.3028



59.0325, 0.3023, 0.3001



59.0325, 0.3455, 0.3547



59.0325, 0.3224, 0.3599

Sweetspot

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



59.0349, 0.2808, 0.3028



92.6410, 0.3034, 0.3218



69.0401, 0.2969, 0.3582



19.6627, 0.3024, 0.3210



0.0000, 0.0000, 0.0000



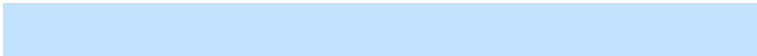
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0349, 0.2808, 0.3028



72.9388, 0.2745, 0.2972



49.0200, 0.2790, 0.2750



15.1274, 0.2981, 0.3175



11.1142, 0.1794, 0.1658



1.0071, 0.1865, 0.1913

Inverse Universe

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



53.7677, 0.3326, 0.3021



65.2338, 0.3374, 0.2967



73.7657, 0.3435, 0.3779



14.4932, 0.3211, 0.3168



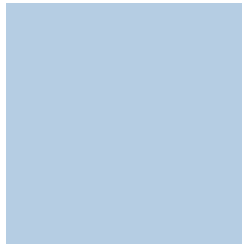
10.3197, 0.4858, 0.2450



0.7813, 0.4552, 0.2281

Previews

White Background



This preview shows how the Yxy color 59.0325, 0.2808, 0.3028 looks on a white background.

Color Contrast Check

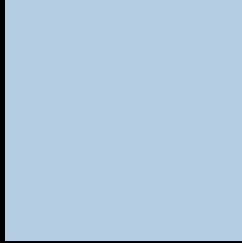
Large Text (above 18pt) WCAG AA × Fail

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 59.0325, 0.2808, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

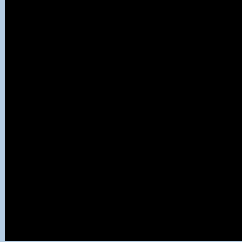
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

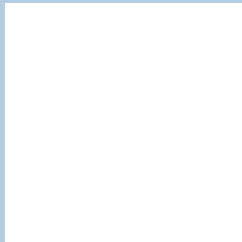
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0325, 0.2808, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 59.0325, 0.2808, 0.3028.



This preview shows how white text looks on a background with the Yxy color 59.0325, 0.2808, 0.3028.

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

59.0325, 0.2808, 0.3028

Protanopia

58.8325, 0.2952, 0.3012

Deuteranopia

58.6923, 0.2992, 0.2918



Tritanopia

59.1198, 0.2833, 0.3097

Trichromacy



Original Color

59.0325, 0.2808, 0.3028

Protanomaly

58.8838, 0.2895, 0.3020

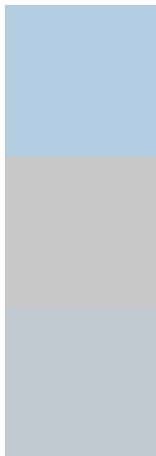
Deuteranomaly

58.5904, 0.2925, 0.2956

Tritanomaly

59.2277, 0.2821, 0.3074

Monochromacy



Original Color

59.0325, 0.2808, 0.3028

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2317, 0.3003, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0325, 0.2808, 0.3028 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(181, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(181, 205, 227)  
}
```

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(181, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 205, 227) }
```

Border

The CSS property to change the border of an element to Yxy 59.0325, 0.2808, 0.3028 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(181, 205, 227) }
```

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

```
.border{ border-color:rgb(181, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(181, 205,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0325, 0.2808, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 205, 227) }
```

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

```
.background{ background-color: rgb(181,  
205, 227) }
```

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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