

Converting Colors

Yxy(59.6884, 0.2911, 0.3163)

Have a look what the booklet for
Yxy(59.6884, 0.2911, 0.3163)
contains.

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Color

Yxy(59.5915, 0.2907, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	BACED9
RGB	186, 206, 217
RGB Percent	73%, 81%, 85%
CMY	0.2704, 0.1922, 0.1490
CMYK	0.14, 0.05, 0.00, 0.15
HSL	201°, 29%, 79%
HSV	201°, 14%, 85%
XYZ	54.8551, 59.5915, 74.2535
YIQ	201.2740, -15.4510, -0.8190

Conversions

Conversions Part 2

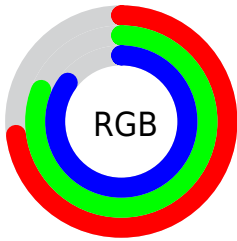
Format	Color
RYB	186, 198, 217
Decimal	12242649
CIELab	81.62, -4.47, -7.74
CIELCh	82, 8.935, 240.007
Yxy	59.5915, 0.2907, 0.3158
Android (android.graphics.Color)	4290432729 (0xFFBACED9)
YUV	201.2740, 7.7529, -13.3953
Hunter-Lab	77.1955, -8.2501, -2.9935

Details

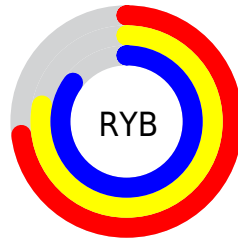
The Yxy color **59.5915, 0.2907, 0.3158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2609, 0.3372, 0.3418**, and the grayscale version is **58.5524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **30.0517, 0.2856, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **53.4523, 0.2752, 0.3054**, and if you desaturate by 10%, it is **66.3310, 0.3062, 0.3253**.

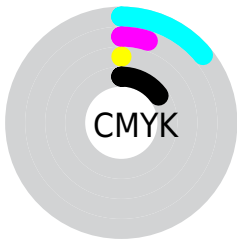
Distribution



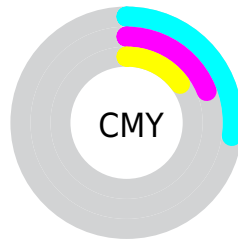
- Red (73%)
- Green (81%)
- Blue (85%)



- Red (73%)
- Yellow (78%)
- Blue (85%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5915, 0.2907, 0.3158 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 59.5915, 0.2907, 0.3158 by changing the saturation by 10% instead.

■ 59.5915, 0.2907,
0.3158

■ 59.5915, 0.2907,
0.3158

423.0904, 0.3012,
0.3222

■ 43.0895, 0.2882,
0.3143

■ 104.2369, 0.2944,
0.3181

■ 29.9553, 0.2851,
0.3123

133.1490, 0.2958,
0.3189

■ 19.8047, 0.2811,
0.3098

166.9665, 0.2970,
0.3197

■ 12.2531, 0.2758,
0.3064

206.0740, 0.2981,
0.3203

■ 6.9163, 0.2683,
0.3015

250.8557, 0.2990,
0.3209

■ 3.4098, 0.2570,
0.2940

301.6961, 0.2998,

■ 1.3492, 0.2382,

0.3214

0.2810

358.9795, 0.3005,
0.3218

0.1789, 0.0625,
0.1833

0.0000, 0.0000,
0.0000

59.5915, 0.2907,
0.3158

59.5915, 0.2907,
0.3158

53.4523, 0.2752,
0.3054

66.3310, 0.3062,
0.3253

47.8848, 0.2599,
0.2940

73.6832, 0.3214,
0.3338

42.8689, 0.2452,
0.2818

81.6695, 0.3361,
0.3413

38.3802, 0.2315,
0.2689

86.7623, 0.3378,
0.3488

■ 34.3919, 0.2193,
0.2554

■ 91.3260, 0.3366,
0.3563

■ 30.8743, 0.2087,
0.2417

■ 96.0845, 0.3355,
0.3636

■ 27.7933, 0.2002,
0.2280

■ 97.7896, 0.3352,
0.3661

■ 25.1081, 0.1938,
0.2144

■ 23.7071, 0.1908,
0.2068

Harmonies

Analogous

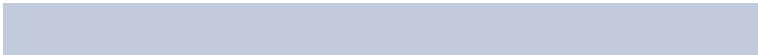
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5915, 0.2922, 0.3250



59.5915, 0.2907, 0.3158



59.5915, 0.2950, 0.3104

Triad

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



59.5915, 0.2907, 0.3158



59.5915, 0.3264, 0.3225



59.5915, 0.3212, 0.3489

Complementary

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



59.5915, 0.2907, 0.3158



58.2609, 0.3372, 0.3418

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.



59.5915, 0.3306, 0.3478



59.5915, 0.2907, 0.3158



59.5915, 0.3337, 0.3324

Square

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



59.5915, 0.2907, 0.3158



59.5915, 0.3155, 0.3143



59.5915, 0.3352, 0.3417



59.5915, 0.3096, 0.3444

Rectangle

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



59.5915, 0.2907, 0.3158



59.5915, 0.3006, 0.3095



59.5915, 0.3352, 0.3417



59.5915, 0.3247, 0.3492

Sweetspot

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



59.5940, 0.2907, 0.3158



95.8231, 0.3065, 0.3255



64.0964, 0.3039, 0.3532



20.3454, 0.3054, 0.3248



0.0000, 0.0000, 0.0000



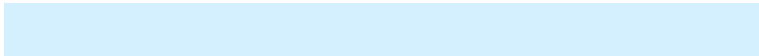
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5940, 0.2907, 0.3158



83.2371, 0.2862, 0.3129



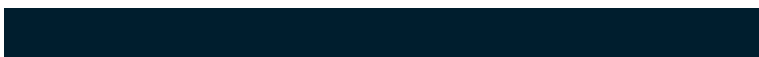
52.5866, 0.2901, 0.2971



14.0096, 0.2982, 0.3205



14.5576, 0.1913, 0.2087



1.1034, 0.1974, 0.2306

Inverse Universe

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



54.3495, 0.3229, 0.3061



74.4384, 0.3253, 0.3013



65.5640, 0.3347, 0.3591



13.1921, 0.3192, 0.3140



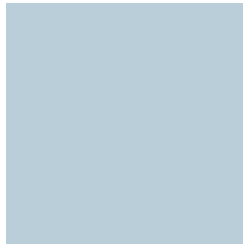
10.0934, 0.4355, 0.2173



0.6701, 0.4120, 0.2044

Previews

White Background



This preview shows how the Yxy color 59.5915, 0.2907, 0.3158 looks on a white background.

Color Contrast Check

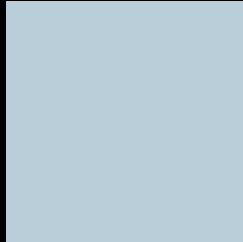
Large Text (above 18pt) WCAG AA × Fail

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 59.5915, 0.2907, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

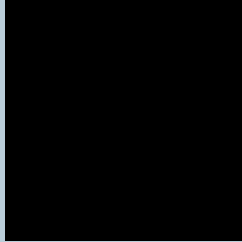
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

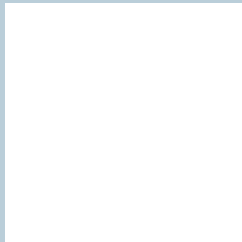
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5915, 0.2907, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 59.5915, 0.2907, 0.3158.



This preview shows how white text looks on a background with the Yxy color 59.5915, 0.2907, 0.3158.

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

59.5915, 0.2907, 0.3158

Protanopia

59.3248, 0.3050, 0.3139

Deuteranopia

59.4941, 0.3108, 0.3042



Tritanopia

59.5014, 0.2881, 0.3088

Trichromacy



Original Color

59.5915, 0.2907, 0.3158

Protanomaly

59.4885, 0.2998, 0.3149

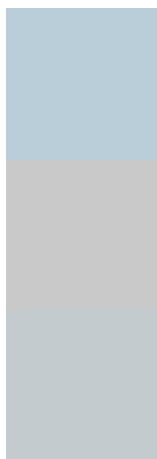
Deuteranomaly

59.2079, 0.3030, 0.3082

Tritanomaly

59.3947, 0.2894, 0.3111

Monochromacy



Original Color

59.5915, 0.2907, 0.3158

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9526, 0.3046, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5915, 0.2907, 0.3158 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(186, 206, 217)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 217)  
}
```

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(186, 206, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 217) }
```

Border

The CSS property to change the border of an element to Yxy 59.5915, 0.2907, 0.3158 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(186, 206, 217) }
```

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

```
.border{ border-color:rgb(186, 206, 217) }
```

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

Here you see how a box with a 4 pixel rgb(186, 206, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5915, 0.2907, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 217) }
```

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

```
.background{ background-color: rgb(186,  
206, 217) }
```

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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