

Converting Colors

$Yxy(58.8263, 0.2914, 0.3088)$

Have a look what the booklet for
Yxy(58.8263, 0.2914, 0.3088)
contains.

Yxy(58.8263, 0.2914, 0.3088)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.8263, 0.2914, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	BECBDC
RGB	190, 203, 220
RGB Percent	75%, 80%, 86%
CMY	0.2549, 0.2039, 0.1371
CMYK	0.14, 0.08, 0.00, 0.14
HSL	214°, 30%, 80%
HSV	214°, 14%, 86%
XYZ	55.5116, 58.8263, 76.1618
YIQ	201.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

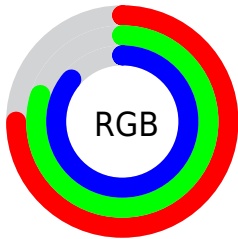
Format	Color
RYB	190, 199, 220
Decimal	12504028
CIELab	81.20, -1.00, -9.96
CIELCh	81, 10.008, 264.242
Yxy	58.8263, 0.2914, 0.3088
Android (android.graphics.Color)	4290694108 (0xFFBECBDC)
YUV	201.0510, 9.3419, -9.6917
Hunter-Lab	76.6983, -5.0298, -5.1864

Details

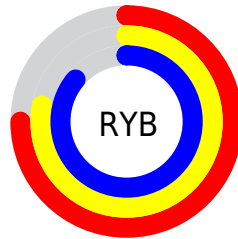
The Yxy color **58.8263, 0.2914, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5771, 0.3350, 0.3484**, and the grayscale version is **58.3908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **29.4457, 0.2856, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **50.5487, 0.2749, 0.2920**, and if you desaturate by 10%, it is **68.0107, 0.3072, 0.3239**.

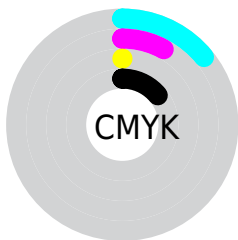
Distribution



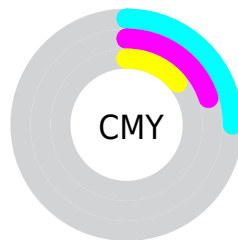
- Red (75%)
- Green (80%)
- Blue (86%)



- Red (75%)
- Yellow (78%)
- Blue (86%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8263, 0.2914, 0.3088 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 58.8263, 0.2914, 0.3088 by changing the saturation by 10% instead.

■ 58.8263, 0.2914,
0.3088

■ 58.8263, 0.2914,
0.3088

420.2579, 0.3016,
0.3185

■ 42.4733, 0.2890,
0.3065

■ 103.1252, 0.2950,
0.3122

■ 29.4721, 0.2860,
0.3036

131.8398, 0.2964,
0.3136

■ 19.4382, 0.2820,
0.2998

165.4438, 0.2976,
0.3147

■ 11.9874, 0.2768,
0.2948

204.3216, 0.2986,
0.3157

■ 6.7351, 0.2694,
0.2877

248.8575, 0.2995,
0.3165

■ 3.2970, 0.2583,
0.2769

299.4359, 0.3003,

■ 1.2887, 0.2396,

0.3172

0.2586

356.4412, 0.3010,
0.3179

0.1324, 0.0943,
0.1233

0.0000, 0.0000,
0.0000

58.8263, 0.2914,
0.3088

58.8263, 0.2914,
0.3088

50.5487, 0.2749,
0.2920

68.0107, 0.3072,
0.3239

43.1403, 0.2580,
0.2735

78.1232, 0.3221,
0.3373

36.5716, 0.2411,
0.2534

89.0023, 0.3353,
0.3492

30.8082, 0.2246,
0.2321

96.6196, 0.3336,
0.3611

■ 25.8129, 0.2091,
0.2101

■ 97.9491, 0.3333,
0.3631

■ 21.5452, 0.1954,
0.1879

■ 17.9594, 0.1839,
0.1663

■ 15.0022, 0.1751,
0.1461

■ 13.4038, 0.1706,
0.1342

Harmonies

Analogous

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



58.8263, 0.2878, 0.3158



58.8263, 0.2914, 0.3088



58.8263, 0.3007, 0.3072

Triad

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



58.8263, 0.2914, 0.3088



58.8263, 0.3352, 0.3306



58.8263, 0.3117, 0.3478

Complementary

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



58.8263, 0.2914, 0.3088



63.5771, 0.3350, 0.3484

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.



58.8263, 0.3246, 0.3517



58.8263, 0.2914, 0.3088



58.8263, 0.3383, 0.3414

Square

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



58.8263, 0.2914, 0.3088



58.8263, 0.3260, 0.3197



58.8263, 0.3343, 0.3492



58.8263, 0.2994, 0.3386

Rectangle

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



58.8263, 0.2914, 0.3088



58.8263, 0.3089, 0.3093



58.8263, 0.3343, 0.3492



58.8263, 0.3161, 0.3498

Sweetspot

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



58.8287, 0.2914, 0.3088



94.4820, 0.3066, 0.3234



66.6567, 0.3001, 0.3443



20.0060, 0.3054, 0.3223



0.0000, 0.0000, 0.0000



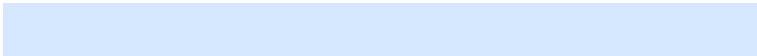
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8287, 0.2914, 0.3088



79.1847, 0.2874, 0.3048



53.2001, 0.2924, 0.2931



13.5400, 0.2982, 0.3154



8.0764, 0.1714, 0.1370



0.6924, 0.1802, 0.1689

Inverse Universe

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



56.3577, 0.3274, 0.3142



75.2731, 0.3305, 0.3114



69.8321, 0.3316, 0.3628



13.1447, 0.3224, 0.3189



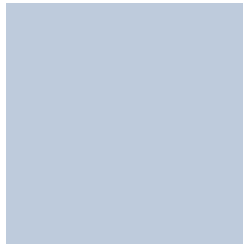
9.4391, 0.5231, 0.2655



0.6286, 0.4821, 0.2429

Previews

White Background



This preview shows how the Yxy color 58.8263, 0.2914, 0.3088 looks on a white background.

Color Contrast Check

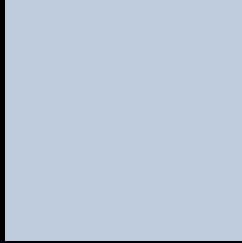
Large Text (above 18pt) WCAG AA × Fail

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 58.8263, 0.2914, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

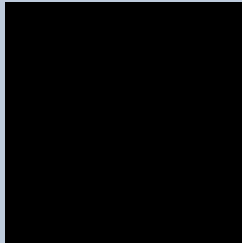
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

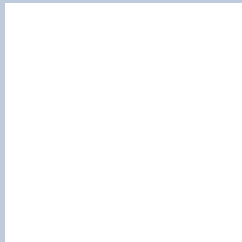
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8263, 0.2914, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 58.8263, 0.2914, 0.3088.



This preview shows how white text looks on a background with the Yxy color 58.8263, 0.2914, 0.3088.

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

58.8263, 0.2914, 0.3088

Protanopia

58.6499, 0.3000, 0.3080

Deuteranopia

58.6974, 0.3071, 0.3007



Tritanopia

58.7735, 0.2921, 0.3100

Trichromacy



Original Color

58.8263, 0.2914, 0.3088

Protanomaly

58.6235, 0.2964, 0.3079

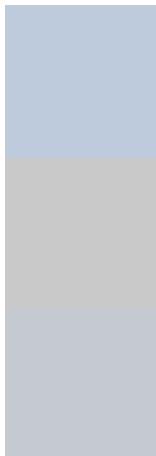
Deuteranomaly

58.9047, 0.3009, 0.3037

Tritanomaly

58.7735, 0.2921, 0.3100

Monochromacy



Original Color

58.8263, 0.2914, 0.3088

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6654, 0.3047, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8263, 0.2914, 0.3088 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(190, 203, 220)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 220)  
}
```

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(190, 203, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 220) }
```

Border

The CSS property to change the border of an element to Yxy 58.8263, 0.2914, 0.3088 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(190, 203, 220) }
```

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

```
.border{ border-color:rgb(190, 203, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 220);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8263, 0.2914, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 220) }
```

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

```
.background{ background-color: rgb(190,  
203, 220) }
```

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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