

Converting Colors

$Yxy(58.6016, 0.2903, 0.3096)$

Have a look what the booklet for
Yxy(58.6016, 0.2903, 0.3096)
contains.

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Color

Yxy(58.5177, 0.2907, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	BCCBDB
RGB	188, 203, 219
RGB Percent	74%, 80%, 86%
CMY	0.2625, 0.2040, 0.1412
CMYK	0.14, 0.07, 0.00, 0.14
HSL	211°, 30%, 80%
HSV	211°, 14%, 86%
XYZ	54.8922, 58.5177, 75.4178
YIQ	200.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

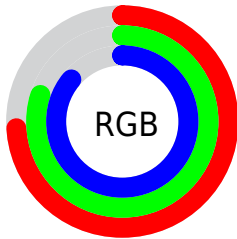
Format	Color
R_{YB}	188, 198, 219
Decimal	12372955
CIE Lab	81.03, -1.83, -9.67
CIE LCh	81, 9.843, 259.283
Yxy	58.5177, 0.2907, 0.3099
Android (android.graphics.Color)	4290563035 (0xFFBCCBDB)
YUV	200.3390, 9.1999, -10.8213
Hunter-Lab	76.4969, -5.7824, -4.9058

Details

The Yxy color $58.5177, 0.2907, 0.3099$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.9146, 0.3361, 0.3474$, and the grayscale version is $57.9344, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.9731, 0.3060, 0.3290$, and $29.3261, 0.2855, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $50.7864, 0.2744, 0.2945$, and if you desaturate by 10%, it is $67.0673, 0.3064, 0.3237$.

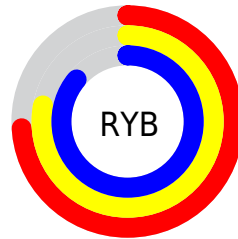
Distribution



Red (74%)

Green (80%)

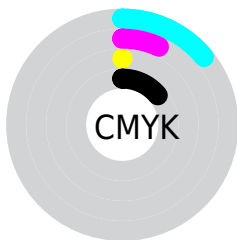
Blue (86%)



Red (74%)

Yellow (78%)

Blue (86%)

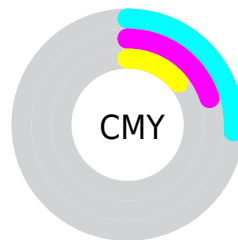


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5177, 0.2907, 0.3099 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 58.5177, 0.2907, 0.3099 by changing the saturation by 10% instead.

■ 58.5177, 0.2907,
0.3099

■ 58.5177, 0.2907,
0.3099

419.1122, 0.3012,
0.3191

■ 42.2250, 0.2882,
0.3077

■ 102.6764, 0.2944,
0.3132

■ 29.2775, 0.2851,
0.3049

131.3111, 0.2959,
0.3144

■ 19.2908, 0.2810,
0.3014

164.8287, 0.2971,
0.3155

■ 11.8806, 0.2756,
0.2965

203.6134, 0.2981,
0.3164

■ 6.6624, 0.2680,
0.2897

248.0497, 0.2991,
0.3172

■ 3.2519, 0.2564,
0.2793

298.5221, 0.2999,

■ 1.2646, 0.2370,

0.3179

0.2615

355.4148, 0.3006,
0.3185

■ 0.1136, 0.0648,
0.1163

■ 0.0000, 0.0000,
0.0000

■ 58.5177, 0.2907,
0.3099

■ 58.5177, 0.2907,
0.3099

■ 50.7864, 0.2744,
0.2945

■ 67.0673, 0.3064,
0.3237

■ 43.8390, 0.2579,
0.2777

■ 76.4538, 0.3214,
0.3361

■ 37.6488, 0.2415,
0.2594

■ 86.7042, 0.3356,
0.3470

■ 32.1847, 0.2257,
0.2400

■ 93.7100, 0.3349,
0.3578

■ 27.4132, 0.2110,
0.2199

■ 97.8944, 0.3340,
0.3641

■ 23.2970, 0.1981,
0.1996

■ 19.7944, 0.1873,
0.1797

■ 16.8562, 0.1790,
0.1607

■ 15.3511, 0.1750,
0.1501

Harmonies

Analogous

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



58.5177, 0.2882, 0.3176



58.5177, 0.2907, 0.3099



58.5177, 0.2990, 0.3074

Triad

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



58.5177, 0.2907, 0.3099



58.5177, 0.3338, 0.3288



58.5177, 0.3139, 0.3486

Complementary

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



58.5177, 0.2907, 0.3099



61.9146, 0.3361, 0.3474

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.



58.5177, 0.3263, 0.3514



58.5177, 0.2907, 0.3099



58.5177, 0.3379, 0.3396

Square

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



58.5177, 0.2907, 0.3099



58.5177, 0.3239, 0.3182



58.5177, 0.3351, 0.3480



58.5177, 0.3014, 0.3402

Rectangle

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



58.5177, 0.2907, 0.3099



58.5177, 0.3068, 0.3088



58.5177, 0.3351, 0.3480



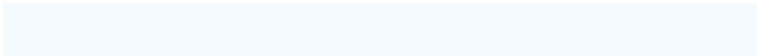
58.5177, 0.3182, 0.3502

Sweetspot

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



58.5201, 0.2907, 0.3099



94.7944, 0.3066, 0.3239



65.7236, 0.3007, 0.3467



20.0850, 0.3054, 0.3229



0.0000, 0.0000, 0.0000



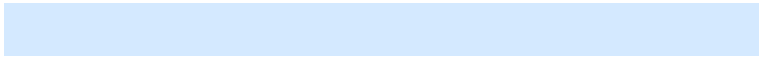
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5201, 0.2907, 0.3099



79.1962, 0.2858, 0.3054



51.8734, 0.2905, 0.2917



13.6487, 0.2982, 0.3166



9.3198, 0.1758, 0.1527



0.7758, 0.1842, 0.1830

Inverse Universe

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



55.3649, 0.3267, 0.3120



74.0304, 0.3303, 0.3081



69.2758, 0.3334, 0.3639



13.1557, 0.3217, 0.3178



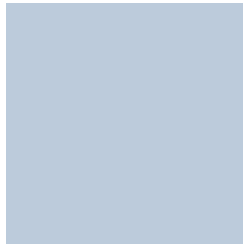
9.5646, 0.5024, 0.2541



0.6370, 0.4650, 0.2335

Previews

White Background



This preview shows how the Yxy color 58.5177, 0.2907, 0.3099 looks on a white background.

Color Contrast Check

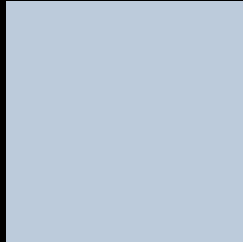
Large Text (above 18pt) WCAG AA × Fail

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 58.5177, 0.2907, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

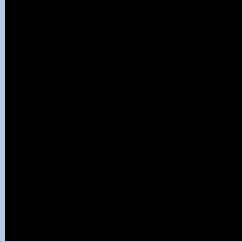
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

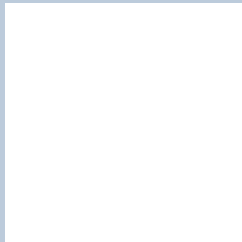
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5177, 0.2907, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 58.5177, 0.2907, 0.3099.



This preview shows how white text looks on a background with the Yxy color 58.5177, 0.2907, 0.3099.

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

58.5177, 0.2907, 0.3099

Protanopia

58.5977, 0.3007, 0.3091

Deuteranopia

58.0996, 0.3063, 0.2995



Tritanopia

58.5177, 0.2907, 0.3099

Trichromacy



Original Color

58.5177, 0.2907, 0.3099

Protanomaly

58.5710, 0.2971, 0.3090

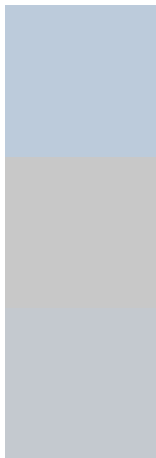
Deuteranomaly

58.2520, 0.3009, 0.3035

Tritanomaly

58.5177, 0.2907, 0.3099

Monochromacy



Original Color

58.5177, 0.2907, 0.3099

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0140, 0.3046, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5177, 0.2907, 0.3099 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(188, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(188, 203, 219)  
}
```

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(188, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 203, 219) }
```

Border

The CSS property to change the border of an element to Yxy 58.5177, 0.2907, 0.3099 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(188, 203, 219) }
```

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

```
.border{ border-color:rgb(188, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(188, 203,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5177, 0.2907, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 203, 219) }
```

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

```
.background{ background-color: rgb(188,  
203, 219) }
```

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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