

Converting Colors

$Y_{xy}(57.2912, 0.2954, 0.3111)$

Have a look what the booklet for
Yxy(57.2912, 0.2954, 0.3111)
contains.

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Color

Yxy(57.2912, 0.2954, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	BFC8D7
RGB	191, 200, 215
RGB Percent	75%, 78%, 84%
CMY	0.2510, 0.2156, 0.1569
CMYK	0.11, 0.07, 0.00, 0.16
HSL	217°, 23%, 80%
HSV	217°, 11%, 84%
XYZ	54.3999, 57.2912, 72.4657
YIQ	199.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

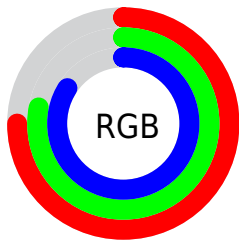
Format	Color
R_{YB}	191, 198, 215
Decimal	12568791
CIE Lab	80.34, -0.14, -8.51
CIE LCh	80, 8.510, 269.082
Yxy	57.2912, 0.2954, 0.3111
Android (android.graphics.Color)	4290758871 (0xFFBFC8D7)
YUV	199.0190, 7.8786, -7.0327
Hunter-Lab	75.6910, -4.1692, -3.7800

Details

The Yxy color **57.2912, 0.2954, 0.3111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3226, 0.3305, 0.3463**, and the grayscale version is **57.0802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **28.4142, 0.2907, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **48.7669, 0.2789, 0.2930**, and if you desaturate by 10%, it is **66.7741, 0.3110, 0.3272**.

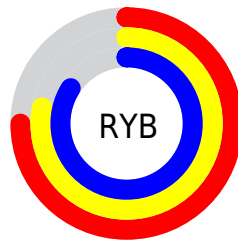
Distribution



Red (75%)

Green (78%)

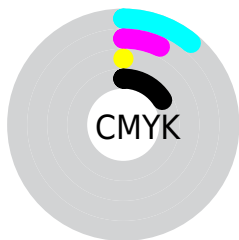
Blue (84%)



Red (75%)

Yellow (78%)

Blue (84%)

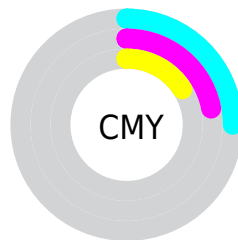


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2912, 0.2954, 0.3111 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 57.2912, 0.2954, 0.3111 by changing the saturation by 10% instead.

■ 57.2912, 0.2954,
0.3111

■ 57.2912, 0.2954,
0.3111

414.5396, 0.3037,
0.3197

■ 41.2391, 0.2934,
0.3090

■ 100.8900, 0.2984,
0.3142

■ 28.5059, 0.2909,
0.3064

129.2054, 0.2995,
0.3153

■ 18.7074, 0.2877,
0.3031

162.3774, 0.3005,
0.3163

■ 11.4590, 0.2833,
0.2985

200.7903, 0.3013,
0.3172

■ 6.3765, 0.2771,
0.2921

244.8286, 0.3020,
0.3180

■ 3.0753, 0.2675,
0.2822

294.8767, 0.3027,

■ 1.1712, 0.2512,

0.3186

0.2653

351.3189, 0.3032,
0.3192

0.0380, 0.0464,
0.0537

0.0000, 0.0000,
0.0000

57.2912, 0.2954,
0.3111

57.2912, 0.2954,
0.3111

48.7669, 0.2789,
0.2930

66.7741, 0.3110,
0.3272

41.1623, 0.2617,
0.2730

77.2385, 0.3255,
0.3415

34.4462, 0.2442,
0.2513

88.6249, 0.3386,
0.3541

28.5830, 0.2269,
0.2281

96.8237, 0.3366,
0.3668

■ 23.5340, 0.2103,
0.2041

■ 97.6852, 0.3364,
0.3681

■ 19.2574, 0.1953,
0.1799

■ 15.7065, 0.1826,
0.1565

■ 12.8280, 0.1726,
0.1348

■ 10.7748, 0.1660,
0.1177

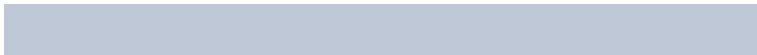
Harmonies

Analogous

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



57.2912, 0.2914, 0.3165



57.2912, 0.2954, 0.3111



57.2912, 0.3040, 0.3105

Triad

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



57.2912, 0.2954, 0.3111



57.2912, 0.3328, 0.3320



57.2912, 0.3101, 0.3441

Complementary

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



57.2912, 0.2954, 0.3111



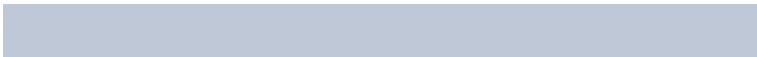
62.3226, 0.3305, 0.3463

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.



57.2912, 0.3212, 0.3483



57.2912, 0.2954, 0.3111



57.2912, 0.3345, 0.3410

Square

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



57.2912, 0.2954, 0.3111



57.2912, 0.3257, 0.3224



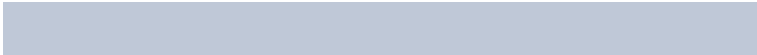
57.2912, 0.3302, 0.3471



57.2912, 0.2998, 0.3356

Rectangle

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



57.2912, 0.2954, 0.3111



57.2912, 0.3113, 0.3127



57.2912, 0.3302, 0.3471



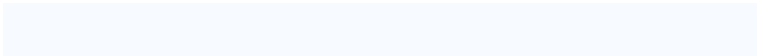
57.2912, 0.3139, 0.3460

Sweetspot

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



57.2936, 0.2954, 0.3111



95.5713, 0.3081, 0.3244



64.1096, 0.3016, 0.3399



20.2076, 0.3069, 0.3231



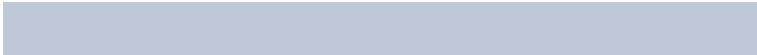
0.0000, 0.0000, 0.0000



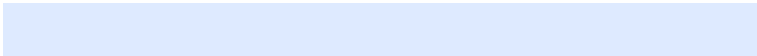
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2936, 0.2954, 0.3111



81.7565, 0.2922, 0.3077



53.5998, 0.2974, 0.3003



12.7668, 0.2982, 0.3141



6.6343, 0.1668, 0.1205



0.5569, 0.1765, 0.1554

Inverse Universe

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



55.8686, 0.3254, 0.3186



79.3821, 0.3280, 0.3167



66.3744, 0.3271, 0.3566



12.4973, 0.3233, 0.3203



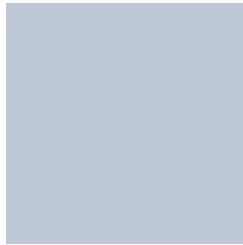
9.0146, 0.5460, 0.2781



0.5595, 0.4989, 0.2522

Previews

White Background



This preview shows how the Yxy color 57.2912, 0.2954, 0.3111 looks on a white background.

Color Contrast Check

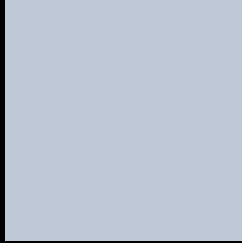
Large Text (above 18pt) WCAG AA × Fail

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 57.2912, 0.2954, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

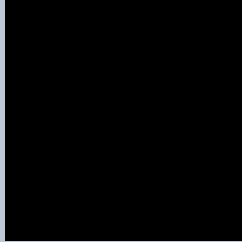
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

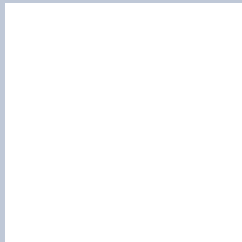
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2912, 0.2954, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 57.2912, 0.2954, 0.3111.

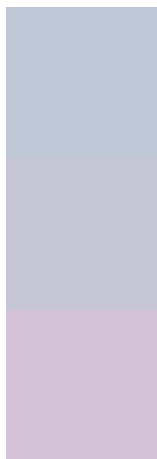


This preview shows how white text looks on a background with the Yxy color 57.2912, 0.2954, 0.3111.

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

57.2912, 0.2954, 0.3111

Protanopia

57.2490, 0.3013, 0.3101

Deuteranopia

57.3903, 0.3100, 0.3038



Tritanopia

57.3428, 0.2947, 0.3099

Trichromacy



Original Color

57.2912, 0.2954, 0.3111

Protanomaly

57.3040, 0.2990, 0.3112

Deuteranomaly

57.2751, 0.3045, 0.3058

Tritanomaly

57.3428, 0.2947, 0.3099

Monochromacy



Original Color

57.2912, 0.2954, 0.3111

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9904, 0.3061, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2912, 0.2954, 0.3111 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(191, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 215)  
}
```

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(191, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 215) }
```

Border

The CSS property to change the border of an element to Yxy 57.2912, 0.2954, 0.3111 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(191, 200, 215) }
```

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

```
.border{ border-color:rgb(191, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 200, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 200, 215); box-shadow:4px 4px 4px 4px rgb(191, 200, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2912, 0.2954, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 215) }
```

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

```
.background{ background-color: rgb(191,  
200, 215) }
```

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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