

Converting Colors

$Yxy(59.1900, 0.3006, 0.3256)$

Have a look what the booklet for
Yxy(59.1900, 0.3006, 0.3256)
contains.

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Color

Yxy(59.2931, 0.3002, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	BFCDD0
RGB	191, 205, 208
RGB Percent	75%, 80%, 82%
CMY	0.2510, 0.1961, 0.1844
CMYK	0.08, 0.01, 0.00, 0.18
HSL	191°, 15%, 78%
HSV	191°, 8%, 82%
XYZ	54.7013, 59.2931, 68.2217
YIQ	201.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

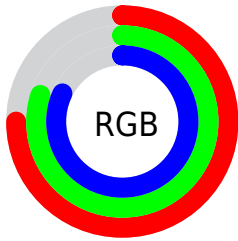
Format	Color
R_{YB}	191, 199, 208
Decimal	12570064
CIE Lab	81.45, -4.15, -3.12
CIE LCh	81, 5.193, 216.901
Yxy	59.2931, 0.3002, 0.3254
Android (android.graphics.Color)	4290760144 (0xFFBFCDD0)
YUV	201.1560, 3.3741, -8.9068
Hunter-Lab	77.0020, -7.9494, 1.3721

Details

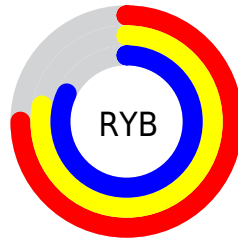
The Yxy color $59.2931, 0.3002, 0.3254$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.7440, 0.3263, 0.3326$, and the grayscale version is $58.4947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.5142, 0.3078, 0.3290$, and $29.8696, 0.2971, 0.3242$ is the 20% darker color. If you saturate the color by 10%, you get $55.0644, 0.2852, 0.3206$, and if you desaturate by 10%, it is $63.9503, 0.3156, 0.3298$.

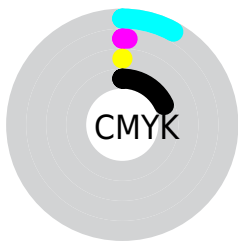
Distribution



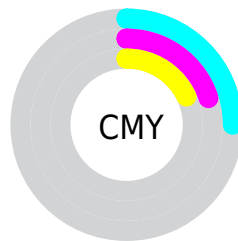
- Red (75%)
- Green (80%)
- Blue (82%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2931, 0.3002, 0.3254 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 59.2931, 0.3002, 0.3254 by changing the saturation by 10% instead.

■ 59.2931, 0.3002,
0.3254

■ 59.2931, 0.3002,
0.3254

421.9872, 0.3062,
0.3272

■ 42.8491, 0.2988,
0.3250

■ 103.8035, 0.3023,
0.3260

■ 29.7667, 0.2970,
0.3244

132.6388, 0.3031,
0.3263

■ 19.6616, 0.2947,
0.3237

166.3732, 0.3038,
0.3265

■ 12.1493, 0.2916,
0.3227

205.3912, 0.3044,
0.3267

■ 6.8454, 0.2872,
0.3213

250.0773, 0.3050,
0.3268

■ 3.3656, 0.2805,
0.3192

300.8157, 0.3054,

■ 1.3255, 0.2692,

0.3269

357.9909, 0.3058,
0.3271

0.3152

0.1608, 0.0850,
0.2656

0.0000, 0.0000,
0.0000

59.2931, 0.3002,
0.3254

59.2931, 0.3002,
0.3254

55.0644, 0.2852,
0.3206

63.9503, 0.3156,
0.3298

51.2404, 0.2707,
0.3154

69.0439, 0.3310,
0.3337

47.8061, 0.2572,
0.3098

74.5909, 0.3462,
0.3372

44.7427, 0.2449,
0.3040

76.7801, 0.3468,
0.3409

■ 42.0296, 0.2342,
0.2979

■ 78.7091, 0.3461,
0.3445

■ 39.6441, 0.2251,
0.2916

■ 80.6800, 0.3454,
0.3481

■ 37.5603, 0.2180,
0.2853

■ 82.6931, 0.3448,
0.3517

■ 35.7479, 0.2128,
0.2790

■ 84.7487, 0.3441,
0.3553

■ 34.1623, 0.2094,
0.2727

■ 86.8469, 0.3435,
0.3588

Harmonies

Analogous

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



59.2931, 0.3036, 0.3315



59.2931, 0.3002, 0.3254



59.2931, 0.3001, 0.3204

Triad

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



59.2931, 0.3002, 0.3254



59.2931, 0.3159, 0.3213



59.2931, 0.3221, 0.3404

Complementary

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



59.2931, 0.3002, 0.3254



55.7440, 0.3263, 0.3326

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.



59.2931, 0.3255, 0.3375



59.2931, 0.3002, 0.3254



59.2931, 0.3219, 0.3265

Square

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



59.2931, 0.3002, 0.3254



59.2931, 0.3092, 0.3181



59.2931, 0.3254, 0.3324



59.2931, 0.3162, 0.3402

Rectangle

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



59.2931, 0.3002, 0.3254



59.2931, 0.3020, 0.3183



59.2931, 0.3254, 0.3324



59.2931, 0.3236, 0.3397

Sweetspot

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



59.2956, 0.3002, 0.3254



98.4767, 0.3096, 0.3281



60.0665, 0.3098, 0.3462



21.0941, 0.3098, 0.3282



0.0000, 0.0000, 0.0000



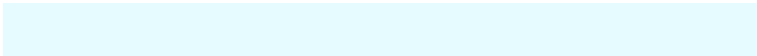
21.4041, 0.3127, 0.3290

Same Dimension

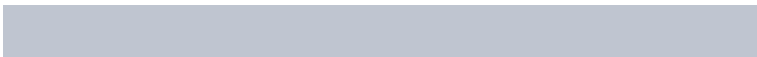
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.2956, 0.3002, 0.3254



92.6627, 0.2972, 0.3245



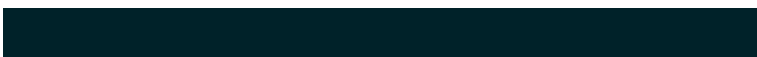
55.4108, 0.3002, 0.3153



13.0399, 0.2983, 0.3248



21.2490, 0.2090, 0.2725



1.2829, 0.2122, 0.2839

Inverse Universe

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



55.0798, 0.3159, 0.3126



84.5113, 0.3167, 0.3086



59.5610, 0.3254, 0.3424



11.9720, 0.3164, 0.3100



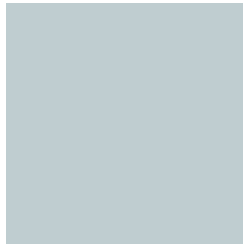
10.2164, 0.3705, 0.1815



0.5808, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 59.2931, 0.3002, 0.3254 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 59.2931, 0.3002, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

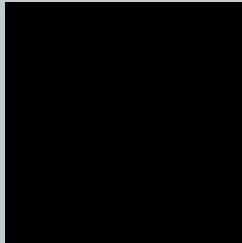
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

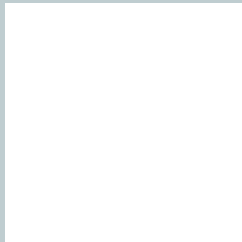
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2931, 0.3002, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 59.2931, 0.3002, 0.3254.

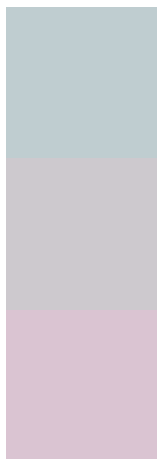


This preview shows how white text looks on a background with the Yxy color 59.2931, 0.3002, 0.3254.

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

59.2931, 0.3002, 0.3254

Protanopia

59.2087, 0.3122, 0.3232

Deuteranopia

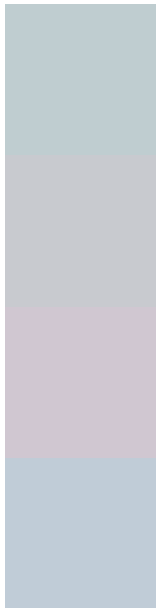
59.0384, 0.3198, 0.3132



Tritanopia

59.1638, 0.2942, 0.3101

Trichromacy



Original Color

59.2931, 0.3002, 0.3254

Protanomaly

59.0254, 0.3076, 0.3231

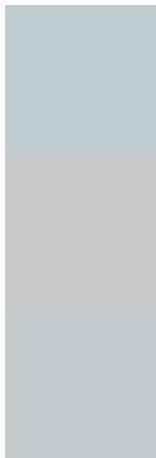
Deuteranomaly

58.8602, 0.3125, 0.3174

Tritanomaly

59.2985, 0.2962, 0.3159

Monochromacy



Original Color

59.2931, 0.3002, 0.3254

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4710, 0.3075, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2931, 0.3002, 0.3254 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, 205, 208)` looks like.

```
.text, #text, p{  
    color:rgb(191, 205, 208)  
}
```

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, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 205, 208) }
```

Border

The CSS property to change the border of an element to Yxy 59.2931, 0.3002, 0.3254 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, 205, 208) }
```

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

```
.border{ border-color:rgb(191, 205, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 205, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(191, 205,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2931, 0.3002, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 205, 208) }
```

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

```
.background{ background-color: rgb(191,  
205, 208) }
```

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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