

Converting Colors

Yxy(59.2506, 0.2957, 0.3146)

Have a look what the booklet for
Yxy(59.2506, 0.2957, 0.3146)
contains.

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Color

Yxy(59.3501, 0.2955, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	C0CCD8
RGB	192, 204, 216
RGB Percent	75%, 80%, 85%
CMY	0.2473, 0.1999, 0.1530
CMYK	0.11, 0.06, 0.00, 0.15
HSL	210°, 24%, 80%
HSV	210°, 11%, 85%
XYZ	55.7114, 59.3501, 73.4712
YIQ	201.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

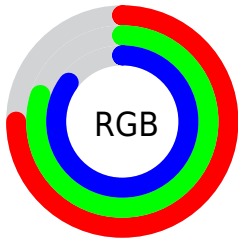
Format	Color
RYB	192, 200, 216
Decimal	12635352
CIELab	81.48, -1.74, -7.35
CIElCh	81, 7.550, 256.653
Yxy	59.3501, 0.2955, 0.3148
Android (android.graphics.Color)	4290825432 (0xFFC0CCD8)
YUV	201.7800, 7.0105, -8.5771
Hunter-Lab	77.0390, -5.7345, -2.6169

Details

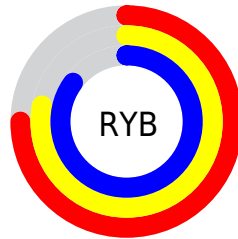
The Yxy color $59.3501, 0.2955, 0.3148$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.5338, 0.3309, 0.3428$, and the grayscale version is $58.8741, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6965, 0.3084, 0.3290$, and $29.7892, 0.2910, 0.3116$ is the 20% darker color. If you saturate the color by 10%, you get $51.8068, 0.2794, 0.3005$, and if you desaturate by 10%, it is $67.6642, 0.3110, 0.3276$.

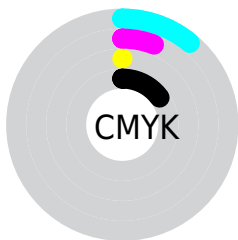
Distribution



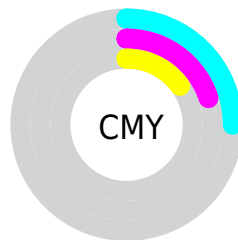
- Red (75%)
- Green (80%)
- Blue (85%)



- Red (75%)
- Yellow (78%)
- Blue (85%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3501, 0.2955, 0.3148 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 59.3501, 0.2955, 0.3148 by changing the saturation by 10% instead.

■ 59.3501, 0.2955,
0.3148

■ 59.3501, 0.2955,
0.3148

422.1981, 0.3037,
0.3216

■ 42.8950, 0.2936,
0.3132

■ 103.8863, 0.2984,
0.3172

■ 29.8028, 0.2911,
0.3111

132.7363, 0.2995,
0.3182

■ 19.6889, 0.2879,
0.3085

166.4866, 0.3005,
0.3189

■ 12.1691, 0.2837,
0.3049

205.5217, 0.3013,
0.3196

■ 6.8590, 0.2777,
0.2998

250.2260, 0.3020,
0.3202

■ 3.3741, 0.2687,
0.2921

300.9839, 0.3027,

■ 1.3300, 0.2535,

0.3208

0.2788

358.1798, 0.3032,
0.3212

0.1642, 0.1170,
0.1693

0.0000, 0.0000,
0.0000

59.3501, 0.2955,
0.3148

59.3501, 0.2955,
0.3148

51.8068, 0.2794,
0.3005

67.6642, 0.3110,
0.3276

45.0017, 0.2631,
0.2848

76.7652, 0.3258,
0.3391

38.9109, 0.2468,
0.2677

86.3485, 0.3385,
0.3492

33.5059, 0.2311,
0.2494

92.7286, 0.3369,
0.3596

■ 28.7560, 0.2163,
0.2303

■ 97.7369, 0.3358,
0.3671

■ 24.6277, 0.2031,
0.2108

■ 21.0832, 0.1919,
0.1915

■ 18.0788, 0.1830,
0.1727

■ 15.8053, 0.1769,
0.1570

Harmonies

Analogous

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



59.3501, 0.2940, 0.3210



59.3501, 0.2955, 0.3148



59.3501, 0.3016, 0.3124

Triad

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



59.3501, 0.2955, 0.3148



59.3501, 0.3282, 0.3281



59.3501, 0.3145, 0.3442

Complementary

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



59.3501, 0.2955, 0.3148



61.5338, 0.3309, 0.3428

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.



59.3501, 0.3238, 0.3460



59.3501, 0.2955, 0.3148



59.3501, 0.3318, 0.3365

Square

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



59.3501, 0.2955, 0.3148



59.3501, 0.3205, 0.3201



59.3501, 0.3302, 0.3431



59.3501, 0.3049, 0.3382

Rectangle

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



59.3501, 0.2955, 0.3148



59.3501, 0.3074, 0.3133



59.3501, 0.3302, 0.3431



59.3501, 0.3178, 0.3454

Sweetspot

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



59.3526, 0.2955, 0.3148



96.1747, 0.3081, 0.3253



64.6386, 0.3037, 0.3437



20.3703, 0.3069, 0.3243



0.0000, 0.0000, 0.0000



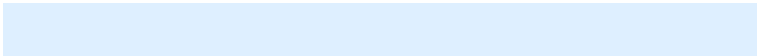
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3526, 0.2955, 0.3148



84.1759, 0.2923, 0.3121



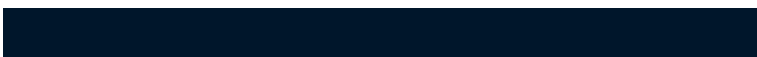
54.0028, 0.2953, 0.3006



13.0301, 0.2982, 0.3171



9.5732, 0.1777, 0.1596



0.7430, 0.1864, 0.1909

Inverse Universe

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



56.6283, 0.3231, 0.3151



79.6263, 0.3251, 0.3126



67.2958, 0.3293, 0.3559



12.5239, 0.3213, 0.3173



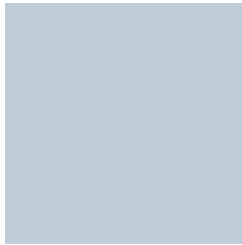
9.3113, 0.4936, 0.2493



0.5783, 0.4558, 0.2284

Previews

White Background



This preview shows how the Yxy color 59.3501, 0.2955, 0.3148 looks on a white background.

Color Contrast Check

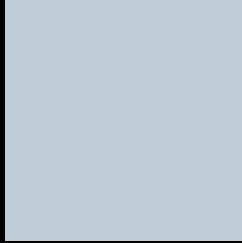
Large Text (above 18pt) WCAG AA × Fail

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 59.3501, 0.2955, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

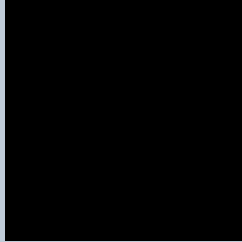
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

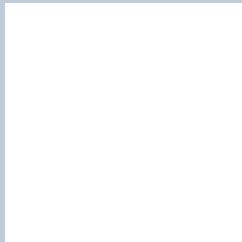
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3501, 0.2955, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 59.3501, 0.2955, 0.3148.

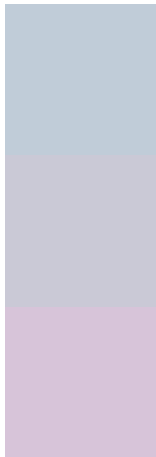


This preview shows how white text looks on a background with the Yxy color 59.3501, 0.2955, 0.3148.

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

59.3501, 0.2955, 0.3148

Protanopia

59.1849, 0.3043, 0.3138

Deuteranopia

58.9367, 0.3123, 0.3053



Tritanopia

59.2166, 0.2936, 0.3090

Trichromacy



Original Color

59.3501, 0.2955, 0.3148

Protanomaly

59.1531, 0.3006, 0.3137

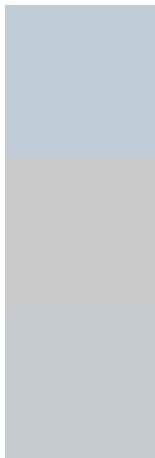
Deuteranomaly

59.1220, 0.3060, 0.3083

Tritanomaly

59.1638, 0.2942, 0.3101

Monochromacy



Original Color

59.3501, 0.2955, 0.3148

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2226, 0.3061, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3501, 0.2955, 0.3148 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(192, 204, 216)` looks like.

```
.text, #text, p{  
    color:rgb(192, 204, 216)  
}
```

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(192, 204, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 204, 216) }
```

Border

The CSS property to change the border of an element to Yxy 59.3501, 0.2955, 0.3148 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(192, 204, 216) }
```

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

```
.border{ border-color:rgb(192, 204, 216) }
```

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

Here you see how a box with a 4 pixel rgb(192, 204, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 204, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 204, 216);  
box-shadow:4px 4px 4px 4px rgb(192, 204,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3501, 0.2955, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 204, 216) }
```

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

```
.background{ background-color: rgb(192,  
204, 216) }
```

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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