

Converting Colors

Yxy(55.7666, 0.2956, 0.3069)

Have a look what the booklet for
Yxy(55.7666, 0.2956, 0.3069)
contains.

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Color

Yxy(55.9152, 0.2953, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	BFC5D7
RGB	191, 197, 215
RGB Percent	75%, 77%, 84%
CMY	0.2511, 0.2274, 0.1568
CMYK	0.11, 0.08, 0.00, 0.16
HSL	225°, 23%, 80%
HSV	225°, 11%, 84%
XYZ	53.7142, 55.9152, 72.2678
YIQ	197.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

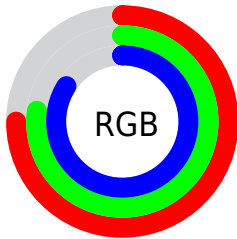
Format	Color
RYB	191, 196, 215
Decimal	12568023
CIELab	79.57, 1.46, -9.69
CIELCh	80, 9.800, 278.589
Yxy	55.9152, 0.2953, 0.3074
Android (android.graphics.Color)	4290758103 (0xFFBFC5D7)
YUV	197.2580, 8.7468, -5.4883
Hunter-Lab	74.7765, -2.6368, -4.9573

Details

The Yxy color `55.9152, 0.2953, 0.3074` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `63.8039, 0.3301, 0.3497`, and the grayscale version is `55.9485, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.8778, 0.3078, 0.3280`, and `27.5014, 0.2905, 0.3017` is the 20% darker color. If you saturate the color by 10%, you get `46.4051, 0.2783, 0.2855`, and if you desaturate by 10%, it is `66.6203, 0.3109, 0.3269`.

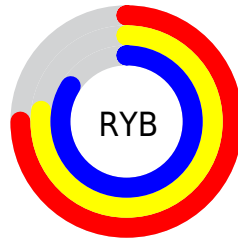
Distribution



Red (75%)

Green (77%)

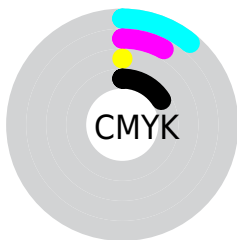
Blue (84%)



Red (75%)

Yellow (77%)

Blue (84%)

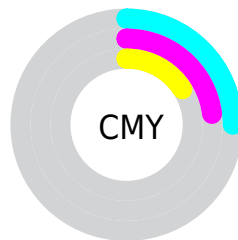


Cyan (11%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9152, 0.2953, 0.3074 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 55.9152, 0.2953, 0.3074 by changing the saturation by 10% instead.

■ 55.9152, 0.2953,
0.3074

■ 55.9152, 0.2953,
0.3074

409.3718, 0.3037,
0.3178

■ 40.1349, 0.2933,
0.3049

■ 98.8806, 0.2983,
0.3111

■ 27.6438, 0.2907,
0.3018

126.8345, 0.2994,
0.3125

■ 18.0573, 0.2874,
0.2977

159.6151, 0.3004,
0.3137

■ 10.9911, 0.2829,
0.2922

197.6067, 0.3013,
0.3148

■ 6.0609, 0.2765,
0.2845

241.1938, 0.3020,
0.3157

■ 2.8821, 0.2666,
0.2726

290.7608, 0.3027,

■ 1.0705, 0.2494,

0.3165

0.2522

346.6920, 0.3032,
0.3172

0.0000, 0.0000,
0.0000

55.9152, 0.2953,
0.3074

55.9152, 0.2953,
0.3074

46.4051, 0.2783,
0.2855

66.6203, 0.3109,
0.3269

38.0409, 0.2603,
0.2613

78.5534, 0.3252,
0.3440

30.7801, 0.2415,
0.2350

91.6644, 0.3378,
0.3589

24.5750, 0.2227,
0.2071

97.6876, 0.3363,
0.3681

19.3741, 0.2046,
0.1787

■ 15.1214, 0.1881,
0.1509

■ 11.7547, 0.1743,
0.1253

■ 9.2034, 0.1640,
0.1033

■ 7.5464, 0.1577,
0.0876

Harmonies

Analogous

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



55.9152, 0.2888, 0.3119



55.9152, 0.2953, 0.3074



55.9152, 0.3065, 0.3085

Triad

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



55.9152, 0.2953, 0.3074



55.9152, 0.3375, 0.3360



55.9152, 0.3056, 0.3439

Complementary

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



55.9152, 0.2953, 0.3074



63.8039, 0.3301, 0.3497

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.



55.9152, 0.3186, 0.3505



55.9152, 0.2953, 0.3074



55.9152, 0.3371, 0.3456

Square

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



55.9152, 0.2953, 0.3074



55.9152, 0.3310, 0.3248



55.9152, 0.3302, 0.3511



55.9152, 0.2947, 0.3330

Rectangle

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



55.9152, 0.2953, 0.3074



55.9152, 0.3152, 0.3122



55.9152, 0.3302, 0.3511



55.9152, 0.3099, 0.3467

Sweetspot

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



55.9175, 0.2953, 0.3074



94.9771, 0.3082, 0.3234



64.2703, 0.2998, 0.3365



20.0477, 0.3069, 0.3219



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.



55.9175, 0.2953, 0.3074



79.4175, 0.2921, 0.3034



53.9698, 0.2995, 0.3004



12.5105, 0.2982, 0.3110



4.6558, 0.1583, 0.0899



0.4138, 0.1677, 0.1237

Inverse Universe

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



55.7308, 0.3278, 0.3220



79.1460, 0.3308, 0.3208



65.9895, 0.3251, 0.3568



12.4715, 0.3252, 0.3232



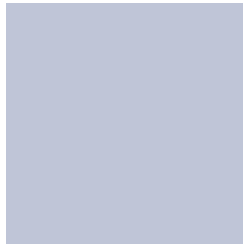
8.8149, 0.5913, 0.3031



0.5451, 0.5414, 0.2756

Previews

White Background



This preview shows how the Yxy color 55.9152, 0.2953, 0.3074 looks on a white background.

Color Contrast Check

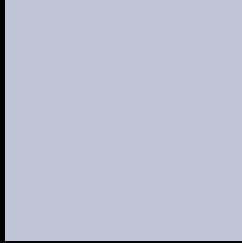
Large Text (above 18pt) WCAG AA × Fail

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 55.9152, 0.2953, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

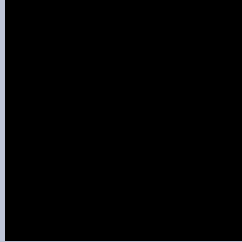
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

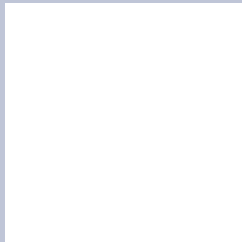
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9152, 0.2953, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 55.9152, 0.2953, 0.3074.

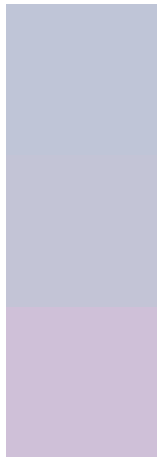


This preview shows how white text looks on a background with the Yxy color 55.9152, 0.2953, 0.3074.

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

55.9152, 0.2953, 0.3074

Protanopia

55.9370, 0.2990, 0.3076

Deuteranopia

55.9225, 0.3069, 0.3012



Tritanopia

55.8130, 0.2967, 0.3098

Trichromacy



Original Color

55.9152, 0.2953, 0.3074

Protanomaly

55.8042, 0.2983, 0.3075

Deuteranomaly

55.9589, 0.3022, 0.3032

Tritanomaly

55.8639, 0.2960, 0.3086

Monochromacy



Original Color

55.9152, 0.2953, 0.3074

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8942, 0.3061, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9152, 0.2953, 0.3074 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, 197, 215)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 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, 197, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.9152, 0.2953, 0.3074 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, 197, 215) }
```

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

```
.border{ border-color:rgb(191, 197, 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, 197, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 197, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 197, 215); box-shadow:4px 4px 4px 4px rgb(191, 197, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9152, 0.2953, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 215) }
```

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

```
.background{ background-color: rgb(191,  
197, 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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