

Converting Colors

Yxy(53.9547, 0.2923, 0.3163)

Have a look what the booklet for
Yxy(53.9547, 0.2923, 0.3163)
contains.

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Color

Yxy(54.0212, 0.2919, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	B3C5CF
RGB	179, 197, 207
RGB Percent	70%, 77%, 81%
CMY	0.2980, 0.2275, 0.1882
CMYK	0.14, 0.05, 0.00, 0.19
HSL	201°, 23%, 76%
HSV	201°, 14%, 81%
XYZ	49.8224, 54.0212, 66.8395
YIQ	192.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

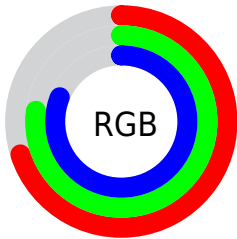
Format	Color
R _Y B	179, 190, 207
Decimal	11781583
CIE Lab	78.47, -4.07, -7.09
CIE LCh	78, 8.173, 240.159
Yxy	54.0212, 0.2919, 0.3165
Android (android.graphics.Color)	4289971663 (0xFFB3C5CF)
YUV	192.7580, 7.0213, -12.0658
Hunter-Lab	73.4991, -7.6247, -2.4685

Details

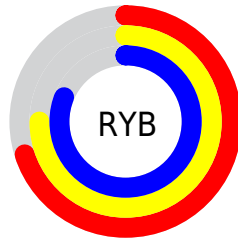
The Yxy color **54.0212, 0.2919, 0.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9292, 0.3357, 0.3412**, and the grayscale version is **53.1458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7658, 0.3005, 0.3280**, and **26.3804, 0.2861, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **48.4590, 0.2764, 0.3061**, and if you desaturate by 10%, it is **60.1233, 0.3073, 0.3259**.

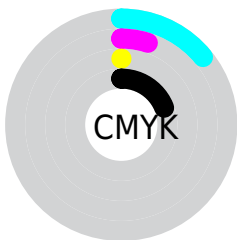
Distribution



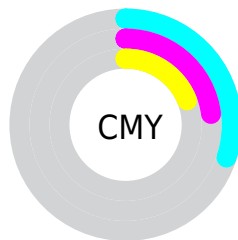
- Red (70%)
- Green (77%)
- Blue (81%)



- Red (70%)
- Yellow (75%)
- Blue (81%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0212, 0.2919, 0.3165 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 54.0212, 0.2919, 0.3165 by changing the saturation by 10% instead.

■ 54.0212, 0.2919,
0.3165

■ 54.0212, 0.2919,
0.3165

402.1908, 0.3020,
0.3227

■ 38.6186, 0.2895,
0.3150

■ 96.1054, 0.2955,
0.3187

■ 26.4632, 0.2864,
0.3131

123.5557, 0.2969,
0.3196

■ 17.1705, 0.2824,
0.3106

155.7908, 0.2980,
0.3203

■ 10.3561, 0.2770,
0.3071

193.1950, 0.2990,
0.3209

■ 5.6357, 0.2692,
0.3020

236.1527, 0.2999,
0.3214

■ 2.6249, 0.2571,
0.2940

285.0484, 0.3007,

■ 0.9392, 0.2358,

0.3219

0.2794

340.2663, 0.3014,
0.3223

0.0000, 0.0000,
0.0000

54.0212, 0.2919,
0.3165

54.0212, 0.2919,
0.3165

48.4590, 0.2764,
0.3061

60.1233, 0.3073,
0.3259

43.4111, 0.2611,
0.2948

66.7764, 0.3225,
0.3344

38.8598, 0.2464,
0.2826

73.9993, 0.3371,
0.3419

34.7834, 0.2326,
0.2697

80.4917, 0.3462,
0.3489

31.1583, 0.2202,
0.2563

84.6198, 0.3448,
0.3561

■ 27.9581, 0.2095,
0.2425

■ 88.9240, 0.3435,
0.3633

■ 25.1528, 0.2008,
0.2287

■ 93.4064, 0.3422,
0.3703

■ 22.7068, 0.1942,
0.2151

■ 97.2856, 0.3412,
0.3760

■ 21.2755, 0.1907,
0.2065

Harmonies

Analogous

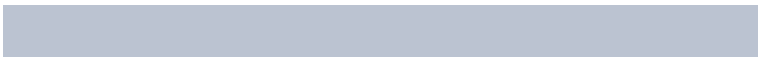
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.0212, 0.2933, 0.3252



54.0212, 0.2919, 0.3165



54.0212, 0.2960, 0.3114

Triad

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



54.0212, 0.2919, 0.3165



54.0212, 0.3257, 0.3229



54.0212, 0.3207, 0.3478

Complementary

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



54.0212, 0.2919, 0.3165



52.9292, 0.3357, 0.3412

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.



54.0212, 0.3296, 0.3468



54.0212, 0.2919, 0.3165



54.0212, 0.3326, 0.3323

Square

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



54.0212, 0.2919, 0.3165



54.0212, 0.3154, 0.3151



54.0212, 0.3340, 0.3411



54.0212, 0.3098, 0.3435

Rectangle

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



54.0212, 0.2919, 0.3165



54.0212, 0.3013, 0.3105



54.0212, 0.3340, 0.3411



54.0212, 0.3240, 0.3481

Sweetspot

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



54.0234, 0.2919, 0.3165



95.8112, 0.3065, 0.3254



57.8830, 0.3044, 0.3518



20.3424, 0.3054, 0.3248



0.0000, 0.0000, 0.0000



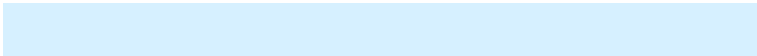
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0234, 0.2919, 0.3165



84.1077, 0.2878, 0.3138



48.0465, 0.2914, 0.2989



12.6661, 0.2983, 0.3205



13.5874, 0.1912, 0.2083



0.9068, 0.1981, 0.2330

Inverse Universe

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



49.5445, 0.3223, 0.3075



75.7701, 0.3245, 0.3031



59.1457, 0.3335, 0.3574



11.9343, 0.3192, 0.3142



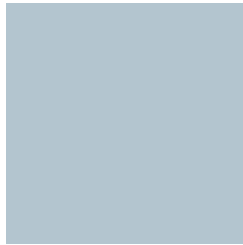
9.4429, 0.4359, 0.2175



0.5428, 0.4095, 0.2029

Previews

White Background



This preview shows how the Yxy color 54.0212, 0.2919, 0.3165 looks on a white background.

Color Contrast Check

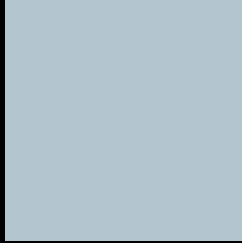
Large Text (above 18pt) WCAG AA × Fail

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 54.0212, 0.2919, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

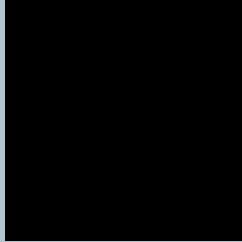
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

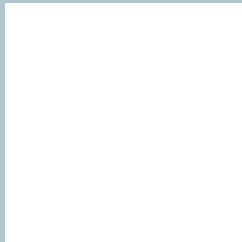
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0212, 0.2919, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 54.0212, 0.2919, 0.3165.



This preview shows how white text looks on a background with the Yxy color 54.0212, 0.2919, 0.3165.

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

54.0212, 0.2919, 0.3165

Protanopia

53.9689, 0.3054, 0.3156

Deuteranopia

53.6917, 0.3114, 0.3043



Tritanopia

53.9366, 0.2892, 0.3092

Trichromacy



Original Color

54.0212, 0.2919, 0.3165

Protanomaly

53.8102, 0.3008, 0.3155

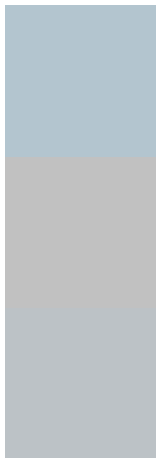
Deuteranomaly

53.5514, 0.3041, 0.3085

Tritanomaly

53.8363, 0.2906, 0.3116

Monochromacy



Original Color

54.0212, 0.2919, 0.3165

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3522, 0.3050, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0212, 0.2919, 0.3165 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(179, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(179, 197, 207)  
}
```

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(179, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 197, 207) }
```

Border

The CSS property to change the border of an element to Yxy 54.0212, 0.2919, 0.3165 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(179, 197, 207) }
```

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

```
.border{ border-color:rgb(179, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(179, 197,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0212, 0.2919, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 197, 207) }
```

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

```
.background{ background-color: rgb(179,  
197, 207) }
```

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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