

Converting Colors

Yxy(51.0154, 0.2966, 0.3176)

Have a look what the booklet for
Yxy(51.0154, 0.2966, 0.3176)
contains.

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Color

Yxy(51.0154, 0.2966, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	B3BFC8
RGB	179, 191, 200
RGB Percent	70%, 75%, 78%
CMY	0.2981, 0.2509, 0.2157
CMYK	0.11, 0.04, 0.00, 0.22
HSL	206°, 16%, 74%
HSV	206°, 11%, 78%
XYZ	47.6422, 51.0154, 61.9702
YIQ	188.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

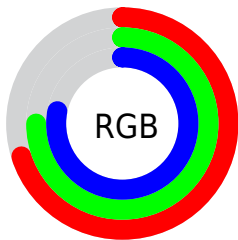
Format	Color
R_{YB}	179, 187, 200
Decimal	11780040
CIE _{Lab}	76.69, -2.34, -5.94
CIE _{LCh}	77, 6.380, 248.501
Yxy	51.0154, 0.2966, 0.3176
Android (android.graphics.Color)	4289970120 (0xFFB3BFC8)
YUV	188.4380, 5.7001, -8.2771
Hunter-Lab	71.4251, -5.9301, -1.4440

Details

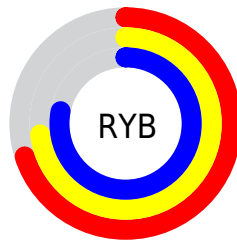
The Yxy color **51.0154, 0.2966, 0.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4811, 0.3299, 0.3401**, and the grayscale version is **50.5220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4037, 0.3006, 0.3210**, and **24.6879, 0.2921, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **45.1850, 0.2809, 0.3055**, and if you desaturate by 10%, it is **57.4133, 0.3120, 0.3285**.

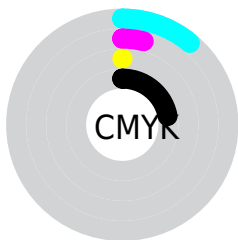
Distribution



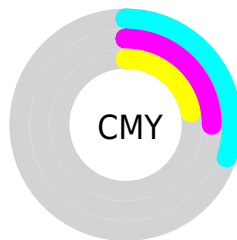
- Red (70%)
- Green (75%)
- Blue (78%)



- Red (70%)
- Yellow (73%)
- Blue (78%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0154, 0.2966, 0.3176 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 51.0154, 0.2966, 0.3176 by changing the saturation by 10% instead.

■ 51.0154, 0.2966,
0.3176

■ 51.0154, 0.2966,
0.3176

390.6236, 0.3045,
0.3232

■ 36.2209, 0.2947,
0.3162

■ 91.6775, 0.2994,
0.3196

■ 24.6048, 0.2922,
0.3144

118.3139, 0.3005,
0.3204

■ 15.7829, 0.2890,
0.3121

149.6664, 0.3014,
0.3211

■ 9.3706, 0.2846,
0.3088

186.1193, 0.3022,
0.3216

■ 4.9837, 0.2781,
0.3041

228.0571, 0.3029,
0.3221

■ 2.2377, 0.2679,
0.2964

275.8642, 0.3035,

■ 0.7404, 0.2457,

0.3225

0.2813

329.9249, 0.3040,
0.3229

0.0000, 0.0000,
0.0000

51.0154, 0.2966,
0.3176

51.0154, 0.2966,
0.3176

45.1850, 0.2809,
0.3055

57.4133, 0.3120,
0.3285

39.8970, 0.2651,
0.2923

64.3897, 0.3268,
0.3382

35.1341, 0.2495,
0.2779

71.9634, 0.3409,
0.3468

30.8752, 0.2346,
0.2625

79.3877, 0.3513,
0.3547

27.0974, 0.2208,
0.2464

84.1309, 0.3496,
0.3630

■ 23.7756, 0.2085,
0.2299

■ 89.1087, 0.3479,
0.3712

■ 20.8817, 0.1981,
0.2132

■ 94.3245, 0.3462,
0.3792

■ 18.3828, 0.1899,
0.1969

■ 96.9495, 0.3454,
0.3830

■ 16.3204, 0.1839,
0.1819

Harmonies

Analogous

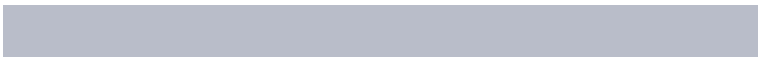
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.0154, 0.2965, 0.3239



51.0154, 0.2966, 0.3176



51.0154, 0.3010, 0.3144

Triad

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



51.0154, 0.2966, 0.3176



51.0154, 0.3249, 0.3262



51.0154, 0.3167, 0.3434

Complementary

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



51.0154, 0.2966, 0.3176



51.4811, 0.3299, 0.3401

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.



51.0154, 0.3245, 0.3438



51.0154, 0.2966, 0.3176



51.0154, 0.3293, 0.3338

Square

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



51.0154, 0.2966, 0.3176



51.0154, 0.3173, 0.3194



51.0154, 0.3291, 0.3402



51.0154, 0.3080, 0.3389

Rectangle

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



51.0154, 0.2966, 0.3176



51.0154, 0.3058, 0.3145



51.0154, 0.3291, 0.3402



51.0154, 0.3195, 0.3440

Sweetspot

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



51.0175, 0.2966, 0.3176



96.5095, 0.3081, 0.3258



54.5035, 0.3052, 0.3445



20.4607, 0.3069, 0.3250



0.0000, 0.0000, 0.0000



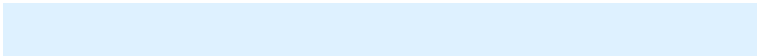
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0175, 0.2966, 0.3176



85.5371, 0.2924, 0.3145



46.6915, 0.2964, 0.3043



11.2788, 0.2983, 0.3189



10.5594, 0.1845, 0.1841



0.6416, 0.1937, 0.2173

Inverse Universe

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



48.2737, 0.3212, 0.3142



79.7637, 0.3236, 0.3103



56.0277, 0.3284, 0.3525



10.7370, 0.3202, 0.3159



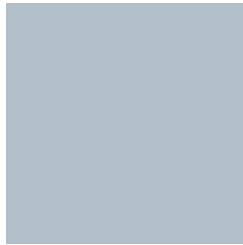
8.6060, 0.4637, 0.2328



0.4218, 0.4261, 0.2121

Previews

White Background



This preview shows how the Yxy color 51.0154, 0.2966, 0.3176 looks on a white background.

Color Contrast Check

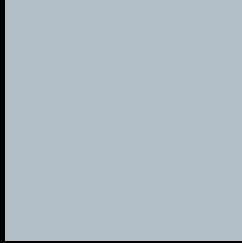
Large Text (above 18pt) WCAG AA × Fail

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 51.0154, 0.2966, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

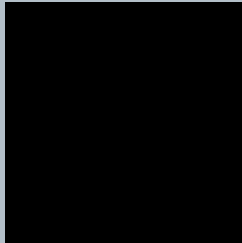
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

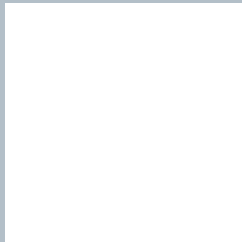
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0154, 0.2966, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 51.0154, 0.2966, 0.3176.



This preview shows how white text looks on a background with the Yxy color 51.0154, 0.2966, 0.3176.

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

51.0154, 0.2966, 0.3176

Protanopia

50.9908, 0.3068, 0.3166

Deuteranopia

51.0546, 0.3145, 0.3086



Tritanopia

50.9380, 0.2938, 0.3101

Trichromacy



Original Color

51.0154, 0.2966, 0.3176

Protanomaly

50.9578, 0.3028, 0.3165

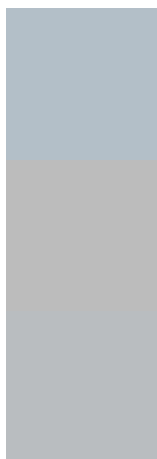
Deuteranomaly

51.2270, 0.3078, 0.3118

Tritanomaly

50.8420, 0.2952, 0.3126

Monochromacy



Original Color

51.0154, 0.2966, 0.3176

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5153, 0.3072, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0154, 0.2966, 0.3176 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, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(179, 191, 200)  
}
```

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, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 191, 200) }
```

Border

The CSS property to change the border of an element to Yxy 51.0154, 0.2966, 0.3176 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, 191, 200) }
```

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

```
.border{ border-color:rgb(179, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(179, 191,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0154, 0.2966, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 191, 200) }
```

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

```
.background{ background-color: rgb(179,  
191, 200) }
```

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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