

Converting Colors

Yxy(51.9861, 0.2890, 0.3053)

Have a look what the booklet for
Yxy(51.9861, 0.2890, 0.3053)
contains.

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Color

Yxy(51.9861, 0.2890, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	B3C0D3
RGB	179, 192, 211
RGB Percent	70%, 75%, 83%
CMY	0.2978, 0.2471, 0.1725
CMYK	0.15, 0.09, 0.00, 0.17
HSL	216°, 27%, 76%
HSV	216°, 15%, 83%
XYZ	49.2106, 51.9861, 69.0821
YIQ	190.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

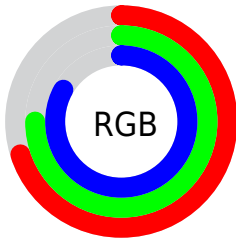
Format	Color
RYB	179, 188, 211
Decimal	11780307
CIELab	77.27, -0.54, -11.04
CIELCh	77, 11.055, 267.174
Yxy	51.9861, 0.2890, 0.3053
Android (android.graphics.Color)	4289970387 (0xFFB3C0D3)
YUV	190.2790, 10.2155, -9.8917
Hunter-Lab	72.1014, -4.3478, -6.3362

Details

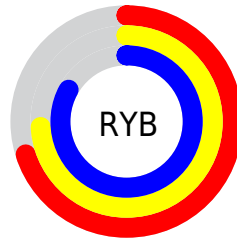
The Yxy color **51.9861, 0.2890, 0.3053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5435, 0.3375, 0.3516**, and the grayscale version is **51.6146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0170, 0.3005, 0.3220**, and **25.3012, 0.2830, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **44.3762, 0.2723, 0.2874**, and if you desaturate by 10%, it is **60.4566, 0.3049, 0.3214**.

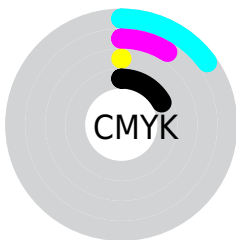
Distribution



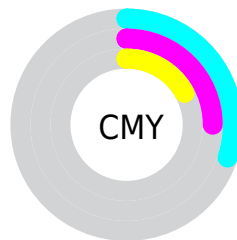
- Red (70%)
- Green (75%)
- Blue (83%)



- Red (70%)
- Yellow (74%)
- Blue (83%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9861, 0.2890, 0.3053 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 51.9861, 0.2890, 0.3053 by changing the saturation by 10% instead.

■ 51.9861, 0.2890,
0.3053

■ 51.9861, 0.2890,
0.3053

■ 394.3829, 0.3006,
0.3169

■ 36.9940, 0.2862,
0.3025

■ 93.1107, 0.2931,
0.3095

■ 25.2028, 0.2826,
0.2989

■ 120.0121, 0.2947,
0.3110

■ 16.2282, 0.2780,
0.2942

■ 151.6519, 0.2961,
0.3124

■ 9.6858, 0.2716,
0.2878

■ 188.4147, 0.2972,
0.3135

■ 5.1911, 0.2625,
0.2786

■ 230.6848, 0.2982,
0.3145

■ 2.3598, 0.2482,
0.2641

■ 278.8466, 0.2991,

■ 0.8051, 0.2225,

0.3154

0.2382

333.2845, 0.2999,
0.3162

0.0000, 0.0000,
0.0000

51.9861, 0.2890,
0.3053

51.9861, 0.2890,
0.3053

44.3762, 0.2723,
0.2874

60.4566, 0.3049,
0.3214

37.5913, 0.2552,
0.2677

69.8089, 0.3199,
0.3357

31.6026, 0.2380,
0.2464

80.0713, 0.3338,
0.3484

26.3769, 0.2213,
0.2239

89.6267, 0.3408,
0.3600

21.8783, 0.2057,
0.2008

97.3795, 0.3388,
0.3719

■ 18.0676, 0.1919,
0.1777

■ 97.4842, 0.3387,
0.3720

■ 14.9004, 0.1804,
0.1555

■ 12.3252, 0.1718,
0.1352

■ 11.2518, 0.1683,
0.1260

Harmonies

Analogous

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



51.9861, 0.2842, 0.3128



51.9861, 0.2890, 0.3053



51.9861, 0.3001, 0.3042

Triad

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



51.9861, 0.2890, 0.3053



51.9861, 0.3394, 0.3321



51.9861, 0.3101, 0.3499

Complementary

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



51.9861, 0.2890, 0.3053



57.5435, 0.3375, 0.3516

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.



51.9861, 0.3250, 0.3551



51.9861, 0.2890, 0.3053



51.9861, 0.3421, 0.3443

Square

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



51.9861, 0.2890, 0.3053



51.9861, 0.3293, 0.3194



51.9861, 0.3368, 0.3529



51.9861, 0.2962, 0.3387

Rectangle

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



51.9861, 0.2890, 0.3053



51.9861, 0.3098, 0.3070



51.9861, 0.3368, 0.3529



51.9861, 0.3151, 0.3524

Sweetspot

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



51.9883, 0.2890, 0.3053



92.9111, 0.3050, 0.3216



60.2543, 0.2984, 0.3454



19.6795, 0.3039, 0.3205



0.0000, 0.0000, 0.0000



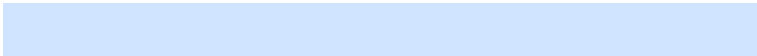
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9883, 0.2890, 0.3053



76.0889, 0.2840, 0.3000



46.8819, 0.2905, 0.2890



12.1912, 0.2982, 0.3148



6.9783, 0.1691, 0.1287



0.5442, 0.1793, 0.1655

Inverse Universe

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



49.9230, 0.3299, 0.3137



72.4925, 0.3341, 0.3104



63.3185, 0.3332, 0.3665



11.8863, 0.3228, 0.3196



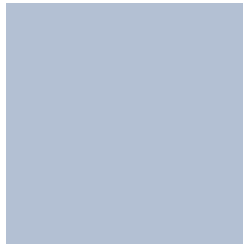
8.7757, 0.5344, 0.2717



0.5062, 0.4862, 0.2452

Previews

White Background



This preview shows how the Yxy color 51.9861, 0.2890, 0.3053 looks on a white background.

Color Contrast Check

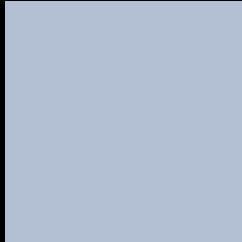
Large Text (above 18pt) WCAG AA × Fail

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 51.9861, 0.2890, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

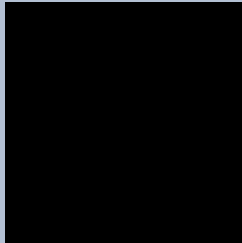
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

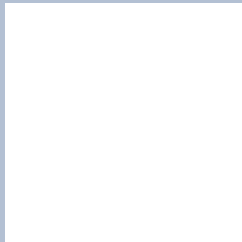
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9861, 0.2890, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 51.9861, 0.2890, 0.3053.



This preview shows how white text looks on a background with the Yxy color 51.9861, 0.2890, 0.3053.

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

51.9861, 0.2890, 0.3053

Protanopia

51.8175, 0.2979, 0.3045

Deuteranopia

52.0134, 0.3036, 0.2980



Tritanopia

52.1590, 0.2903, 0.3102

Trichromacy



Original Color

51.9861, 0.2890, 0.3053

Protanomaly

51.7943, 0.2941, 0.3044

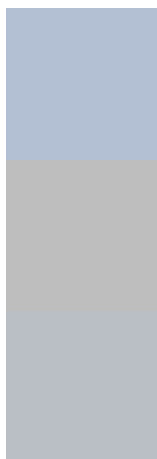
Deuteranomaly

51.9264, 0.2981, 0.2999

Tritanomaly

52.2084, 0.2896, 0.3090

Monochromacy



Original Color

51.9861, 0.2890, 0.3053

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7779, 0.3035, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9861, 0.2890, 0.3053 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, 192, 211)` looks like.

```
.text, #text, p{  
    color:rgb(179, 192, 211)  
}
```

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, 192, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 192, 211) }
```

Border

The CSS property to change the border of an element to Yxy 51.9861, 0.2890, 0.3053 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, 192, 211) }
```

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

```
.border{ border-color:rgb(179, 192, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 192, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 192, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 192, 211);  
box-shadow:4px 4px 4px 4px rgb(179, 192,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9861, 0.2890, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 192, 211) }
```

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

```
.background{ background-color: rgb(179,  
192, 211) }
```

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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