

Converting Colors

Yxy(52.6592, 0.2941, 0.3083)

Have a look what the booklet for
Yxy(52.6592, 0.2941, 0.3083)
contains.

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Color

Yxy(52.4931, 0.2941, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	B8C0D1
RGB	184, 192, 209
RGB Percent	72%, 75%, 82%
CMY	0.2785, 0.2470, 0.1804
CMYK	0.12, 0.08, 0.00, 0.18
HSL	221°, 21%, 77%
HSV	221°, 12%, 82%
XYZ	50.1241, 52.4931, 67.8149
YIQ	191.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

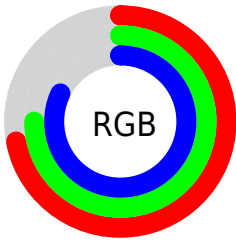
Format	Color
RYB	184, 190, 209
Decimal	12107985
CIELab	77.57, 0.62, -9.46
CIELCh	78, 9.484, 273.757
Yxy	52.4931, 0.2941, 0.3080
Android (android.graphics.Color)	4290298065 (0xFFB8C0D1)
YUV	191.5460, 8.6048, -6.6178
Hunter-Lab	72.4521, -3.3007, -4.7788

Details

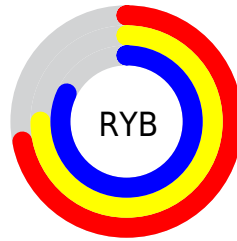
The Yxy color **52.4931, 0.2941, 0.3080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7855, 0.3316, 0.3492**, and the grayscale version is **52.3880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8801, 0.3036, 0.3221**, and **25.6571, 0.2889, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **44.1624, 0.2773, 0.2881**, and if you desaturate by 10%, it is **61.8115, 0.3098, 0.3258**.

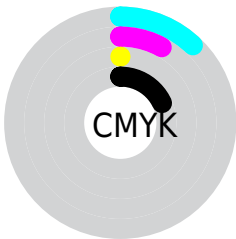
Distribution



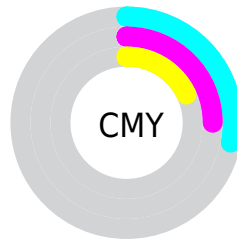
- Red (72%)
- Green (75%)
- Blue (82%)



- Red (72%)
- Yellow (75%)
- Blue (82%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4931, 0.2941, 0.3080 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 52.4931, 0.2941, 0.3080 by changing the saturation by 10% instead.

■ 52.4931, 0.2941,
0.3080

■ 52.4931, 0.2941,
0.3080

■ 396.3373, 0.3032,
0.3183

■ 37.3983, 0.2919,
0.3055

■ 93.8581, 0.2974,
0.3117

■ 25.5160, 0.2891,
0.3024

■ 120.8970, 0.2986,
0.3131

■ 16.4619, 0.2854,
0.2983

■ 152.6860, 0.2997,
0.3142

■ 9.8516, 0.2804,
0.2926

■ 189.6096, 0.3006,
0.3153

■ 5.3007, 0.2732,
0.2846

■ 232.0521, 0.3013,
0.3162

■ 2.4247, 0.2618,
0.2719

■ 280.3980, 0.3020,

■ 0.8386, 0.2415,

0.3169

0.2493

335.0316, 0.3027,
0.3176

0.0000, 0.0000,
0.0000

52.4931, 0.2941,
0.3080

52.4931, 0.2941,
0.3080

44.1624, 0.2773,
0.2881

61.8115, 0.3098,
0.3258

36.7792, 0.2598,
0.2661

72.1430, 0.3242,
0.3414

30.3100, 0.2417,
0.2422

83.5202, 0.3375,
0.3552

24.7169, 0.2237,
0.2169

93.5047, 0.3410,
0.3683

19.9590, 0.2066,
0.1908

97.3837, 0.3400,
0.3740

■ 15.9916, 0.1911,
0.1649

■ 12.7653, 0.1780,
0.1405

■ 10.2235, 0.1680,
0.1185

■ 8.6144, 0.1620,
0.1033

Harmonies

Analogous

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



52.4931, 0.2886, 0.3133



52.4931, 0.2941, 0.3080



52.4931, 0.3046, 0.3082

Triad

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



52.4931, 0.2941, 0.3080



52.4931, 0.3366, 0.3341



52.4931, 0.3077, 0.3451

Complementary

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



52.4931, 0.2941, 0.3080



58.7855, 0.3316, 0.3492

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.



52.4931, 0.3205, 0.3508



52.4931, 0.2941, 0.3080



52.4931, 0.3374, 0.3441

Square

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



52.4931, 0.2941, 0.3080



52.4931, 0.3292, 0.3231



52.4931, 0.3315, 0.3503



52.4931, 0.2964, 0.3348

Rectangle

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



52.4931, 0.2941, 0.3080



52.4931, 0.3131, 0.3113



52.4931, 0.3315, 0.3503



52.4931, 0.3120, 0.3476

Sweetspot

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



52.4953, 0.2941, 0.3080



93.7733, 0.3066, 0.3222



59.9946, 0.3000, 0.3391



19.8269, 0.3054, 0.3209



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.



52.4953, 0.2941, 0.3080



79.3324, 0.2905, 0.3038



49.5931, 0.2972, 0.2982



12.0273, 0.2982, 0.3128



5.4698, 0.1627, 0.1058



0.4484, 0.1732, 0.1434

Inverse Universe

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



51.6398, 0.3276, 0.3195



77.8345, 0.3307, 0.3177



62.0201, 0.3272, 0.3586



11.8698, 0.3241, 0.3216



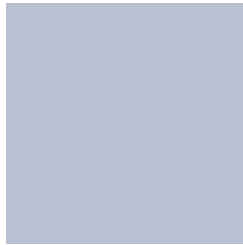
8.6234, 0.5672, 0.2898



0.4966, 0.5146, 0.2608

Previews

White Background



This preview shows how the Yxy color 52.4931, 0.2941, 0.3080 looks on a white background.

Color Contrast Check

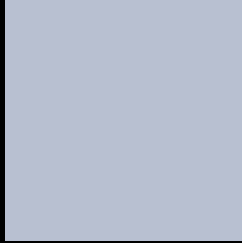
Large Text (above 18pt) WCAG AA × Fail

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 52.4931, 0.2941, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

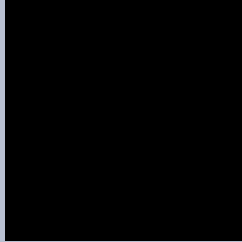
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

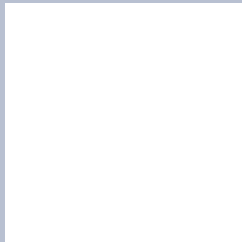
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4931, 0.2941, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 52.4931, 0.2941, 0.3080.

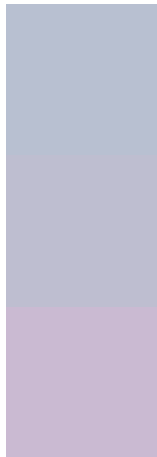


This preview shows how white text looks on a background with the Yxy color 52.4931, 0.2941, 0.3080.

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

52.4931, 0.2941, 0.3080

Protanopia

52.3281, 0.2994, 0.3070

Deuteranopia

52.3275, 0.3075, 0.3005



Tritanopia

52.3946, 0.2955, 0.3104

Trichromacy



Original Color

52.4931, 0.2941, 0.3080

Protanomaly

52.5070, 0.2979, 0.3081

Deuteranomaly

52.2217, 0.3019, 0.3025

Tritanomaly

52.4437, 0.2948, 0.3092

Monochromacy



Original Color

52.4931, 0.2941, 0.3080

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5953, 0.3059, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4931, 0.2941, 0.3080 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(184, 192, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 192, 209)  
}
```

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(184, 192, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 192, 209) }
```

Border

The CSS property to change the border of an element to Yxy 52.4931, 0.2941, 0.3080 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(184, 192, 209) }
```

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

```
.border{ border-color:rgb(184, 192, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 192, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 192, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 192, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 192,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4931, 0.2941, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 192, 209) }
```

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

```
.background{ background-color: rgb(184,  
192, 209) }
```

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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