

Converting Colors

$Y_{xy}(52.2584, 0.2877, 0.3018)$

Have a look what the booklet for
Yxy(52.2584, 0.2877, 0.3018)
contains.

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Color

Yxy(52.2576, 0.2877, 0.3018)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B4C0D6 |
| RGB | 180, 192, 214 |
| RGB Percent | 71%, 75%, 84% |
| CMY | 0.2940, 0.2471, 0.1608 |
| CMYK | 0.16, 0.10, 0.00, 0.16 |
| HSL | 219°, 29%, 77% |
| HSV | 219°, 16%, 84% |
| XYZ | 49.8161, 52.2576, 71.0793 |
| YIQ | 190.9200, -14.2140, 4.2980 |

Conversions

Conversions Part 2

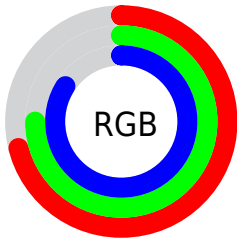
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 180, 189, 214 |
| Decimal | 11845846 |
| CIE Lab | 77.43, 0.40, -12.40 |
| CIE LCh | 77, 12.409, 271.831 |
| Yxy | 52.2576, 0.2877, 0.3018 |
| Android (android.graphics.Color) | 4290035926 (0xFFB4C0D6) |
| YUV | 190.9200, 11.3784, -9.5768 |
| Hunter-Lab | 72.2894, -3.4984, -7.6949 |

Details

The Yxy color **52.2576, 0.2877, 0.3018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8564, 0.3385, 0.3548**, and the grayscale version is **51.9950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1877, 0.3012, 0.3220**, and **25.4805, 0.2814, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **44.0803, 0.2707, 0.2820**, and if you desaturate by 10%, it is **61.4096, 0.3038, 0.3195**.

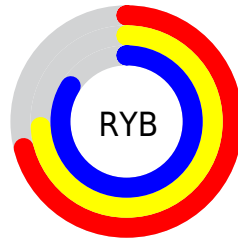
Distribution



Red (71%)

Green (75%)

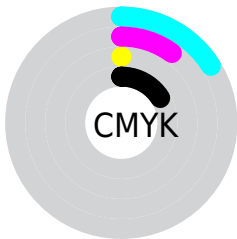
Blue (84%)



Red (71%)

Yellow (74%)

Blue (84%)

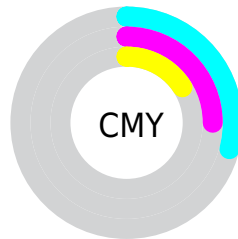


Cyan (16%)

Magenta (10%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (25%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2576, 0.2877, 0.3018 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 52.2576, 0.2877, 0.3018 by changing the saturation by 10% instead.

■ 52.2576, 0.2877,
0.3018

■ 52.2576, 0.2877,
0.3018

■ 395.4303, 0.2999,
0.3151

■ 37.2104, 0.2847,
0.2986

■ 93.5110, 0.2921,
0.3065

■ 25.3705, 0.2810,
0.2945

■ 120.4861, 0.2937,
0.3083

■ 16.3533, 0.2761,
0.2892

■ 152.2059, 0.2951,
0.3099

■ 9.7745, 0.2694,
0.2820

■ 189.0549, 0.2964,
0.3112

■ 5.2497, 0.2599,
0.2717

■ 231.4174, 0.2974,
0.3124

■ 2.3945, 0.2450,
0.2556

■ 279.6779, 0.2984,

■ 0.8231, 0.2188,

0.3134

0.2274

334.2207, 0.2992,
0.3143

0.0000, 0.0000,
0.0000

52.2576, 0.2877,
0.3018

52.2576, 0.2877,
0.3018

44.0803, 0.2707,
0.2820

61.4096, 0.3038,
0.3195

36.8374, 0.2531,
0.2603

71.5619, 0.3188,
0.3353

30.4949, 0.2354,
0.2370

82.7473, 0.3326,
0.3491

25.0143, 0.2180,
0.2124

92.9207, 0.3381,
0.3620

20.3539, 0.2018,
0.1873

97.6351, 0.3370,
0.3691

■ 16.4679, 0.1875,
0.1627

■ 13.3050, 0.1758,
0.1395

■ 10.8050, 0.1672,
0.1189

■ 9.9316, 0.1642,
0.1111

Harmonies

Analogous

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



52.2576, 0.2811, 0.3091



52.2576, 0.2877, 0.3018



52.2576, 0.3010, 0.3017

Triad

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



52.2576, 0.2877, 0.3018



52.2576, 0.3437, 0.3346



52.2576, 0.3071, 0.3509

Complementary

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



52.2576, 0.2877, 0.3018



59.8564, 0.3385, 0.3548

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.



52.2576, 0.3239, 0.3580



52.2576, 0.2877, 0.3018



52.2576, 0.3453, 0.3479

Square

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



52.2576, 0.2877, 0.3018



52.2576, 0.3335, 0.3203



52.2576, 0.3380, 0.3566



52.2576, 0.2921, 0.3376

Rectangle

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



52.2576, 0.2877, 0.3018



52.2576, 0.3120, 0.3055



52.2576, 0.3380, 0.3566



52.2576, 0.3127, 0.3541

Sweetspot

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



52.2598, 0.2877, 0.3018



92.5028, 0.3050, 0.3209



62.0447, 0.2967, 0.3441



19.5805, 0.3039, 0.3197



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.



52.2598, 0.2877, 0.3018



73.5193, 0.2822, 0.2955



47.7744, 0.2906, 0.2870



12.7167, 0.2982, 0.3135



6.1807, 0.1650, 0.1138



0.5260, 0.1747, 0.1490

Inverse Universe

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



50.7604, 0.3324, 0.3149



71.0282, 0.3374, 0.3118



65.0150, 0.3329, 0.3686



12.4923, 0.3236, 0.3208



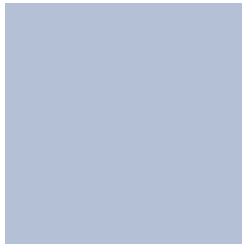
8.9688, 0.5555, 0.2834



0.5564, 0.5073, 0.2568

Previews

White Background



This preview shows how the Yxy color 52.2576, 0.2877, 0.3018 looks on a white background.

Color Contrast Check

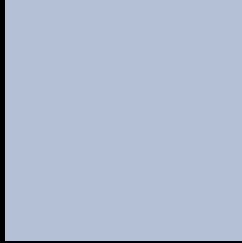
Large Text (above 18pt) WCAG AA × Fail

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 52.2576, 0.2877, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

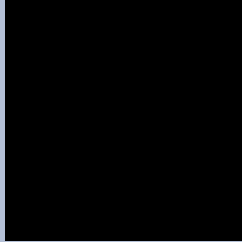
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

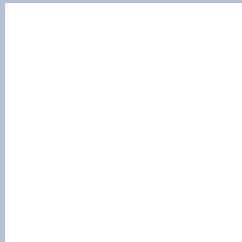
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2576, 0.2877, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 52.2576, 0.2877, 0.3018.



This preview shows how white text looks on a background with the Yxy color 52.2576, 0.2877, 0.3018.

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

52.2576, 0.2877, 0.3018

Protanopia

52.3224, 0.2943, 0.3010

Deuteranopia

52.0299, 0.3006, 0.2945



Tritanopia

52.2777, 0.2911, 0.3102

Trichromacy



Original Color

52.2576, 0.2877, 0.3018

Protanomaly

52.3800, 0.2921, 0.3020

Deuteranomaly

51.9491, 0.2952, 0.2964

Tritanomaly

52.3768, 0.2897, 0.3078

Monochromacy



Original Color

52.2576, 0.2877, 0.3018

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9499, 0.3036, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2576, 0.2877, 0.3018 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(180, 192, 214)` looks like.

```
.text, #text, p{  
    color:rgb(180, 192, 214)  
}
```

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(180, 192, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 192, 214) }
```

Border

The CSS property to change the border of an element to Yxy 52.2576, 0.2877, 0.3018 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(180, 192, 214) }
```

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

```
.border{ border-color:rgb(180, 192, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 192, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 192, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 192, 214);  
box-shadow:4px 4px 4px 4px rgb(180, 192,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2576, 0.2877, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 192, 214) }
```

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

```
.background{ background-color: rgb(180,  
192, 214) }
```

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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