

Converting Colors

$Yxy(52.3868, 0.2889, 0.3040)$

Have a look what the booklet for
Yxy(52.3868, 0.2889, 0.3040)
contains.

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Color

Yxy(52.2067, 0.2884, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	B4C0D5
RGB	180, 192, 213
RGB Percent	71%, 75%, 84%
CMY	0.2939, 0.2471, 0.1647
CMYK	0.15, 0.10, 0.00, 0.16
HSL	218°, 28%, 77%
HSV	218°, 15%, 84%
XYZ	49.6911, 52.2067, 70.4015
YIQ	190.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

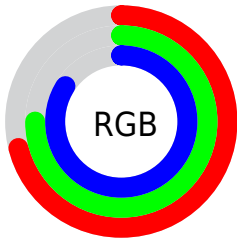
Format	Color
R_{YB}	180, 189, 213
Decimal	11845845
CIE _{Lab}	77.40, 0.19, -11.90
CIE _{LCh}	77, 11.903, 270.914
Yxy	52.2067, 0.2884, 0.3030
Android (android.graphics.Color)	4290035925 (0xFFB4C0D5)
YUV	190.8060, 10.9416, -9.4769
Hunter-Lab	72.2542, -3.6857, -7.1918

Details

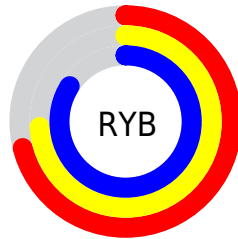
The Yxy color `52.2067, 0.2884, 0.3030` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `59.2438, 0.3378, 0.3537`, and the grayscale version is `51.9295, 0.3127, 0.3290`.

A 20% lighter version of the original color is `92.1877, 0.3012, 0.3220`, and `25.4459, 0.2822, 0.2973` is the 20% darker color. If you saturate the color by 10%, you get `44.1531, 0.2715, 0.2837`, and if you desaturate by 10%, it is `61.2080, 0.3044, 0.3204`.

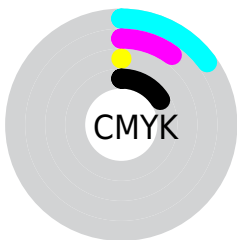
Distribution



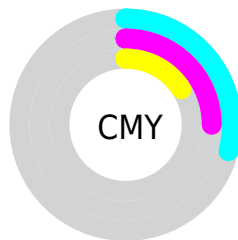
- Red (71%)
- Green (75%)
- Blue (84%)



- Red (71%)
- Yellow (74%)
- Blue (84%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2067, 0.2884, 0.3030 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 52.2067, 0.2884, 0.3030 by changing the saturation by 10% instead.

■ 52.2067, 0.2884,
0.3030

■ 52.2067, 0.2884,
0.3030

■ 395.2341, 0.3003,
0.3157

■ 37.1699, 0.2855,
0.2999

■ 93.4360, 0.2927,
0.3075

■ 25.3390, 0.2819,
0.2960

■ 120.3973, 0.2943,
0.3093

■ 16.3298, 0.2771,
0.2909

■ 152.1021, 0.2956,
0.3107

■ 9.7578, 0.2706,
0.2840

■ 188.9349, 0.2968,
0.3120

■ 5.2387, 0.2613,
0.2741

■ 231.2802, 0.2979,
0.3131

■ 2.3880, 0.2468,
0.2586

■ 279.5222, 0.2988,

■ 0.8197, 0.2211,

0.3141

0.2312

334.0453, 0.2996,
0.3149

0.0000, 0.0000,
0.0000

52.2067, 0.2884,
0.3030

52.2067, 0.2884,
0.3030

44.1531, 0.2715,
0.2837

61.2080, 0.3044,
0.3204

37.0080, 0.2540,
0.2624

71.1814, 0.3194,
0.3358

30.7388, 0.2364,
0.2395

82.1587, 0.3332,
0.3493

25.3083, 0.2191,
0.2153

92.1706, 0.3389,
0.3619

20.6765, 0.2030,
0.1906

97.5836, 0.3376,
0.3701

■ 16.7993, 0.1887,
0.1662

■ 13.6272, 0.1770,
0.1432

■ 11.1027, 0.1682,
0.1225

■ 10.1341, 0.1650,
0.1139

Harmonies

Analogous

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



52.2067, 0.2823, 0.3102



52.2067, 0.2884, 0.3030



52.2067, 0.3010, 0.3027

Triad

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



52.2067, 0.2884, 0.3030



52.2067, 0.3422, 0.3340



52.2067, 0.3078, 0.3503

Complementary

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



52.2067, 0.2884, 0.3030



59.2438, 0.3378, 0.3537

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.



52.2067, 0.3239, 0.3568



52.2067, 0.2884, 0.3030



52.2067, 0.3441, 0.3468

Square

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



52.2067, 0.2884, 0.3030



52.2067, 0.3322, 0.3203



52.2067, 0.3373, 0.3554



52.2067, 0.2933, 0.3377

Rectangle

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



52.2067, 0.2884, 0.3030



52.2067, 0.3115, 0.3062



52.2067, 0.3373, 0.3554



52.2067, 0.3132, 0.3533

Sweetspot

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



52.2089, 0.2884, 0.3030



92.5830, 0.3050, 0.3210



61.5072, 0.2971, 0.3437



19.5999, 0.3039, 0.3199



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.



52.2089, 0.2884, 0.3030



73.7871, 0.2822, 0.2960



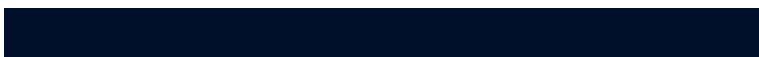
47.7162, 0.2913, 0.2882



12.7379, 0.2982, 0.3137



6.3685, 0.1657, 0.1166



0.5389, 0.1755, 0.1517

Inverse Universe

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



50.6166, 0.3315, 0.3149



71.0553, 0.3370, 0.3113



64.3784, 0.3324, 0.3675



12.4944, 0.3235, 0.3206



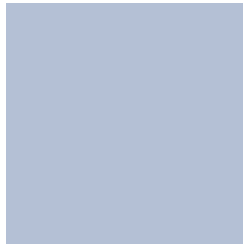
8.9877, 0.5515, 0.2812



0.5577, 0.5037, 0.2549

Previews

White Background



This preview shows how the Yxy color 52.2067, 0.2884, 0.3030 looks on a white background.

Color Contrast Check

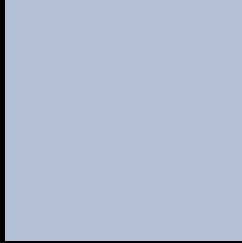
Large Text (above 18pt) WCAG AA × Fail

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 52.2067, 0.2884, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

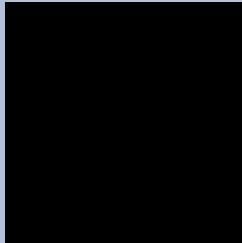
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

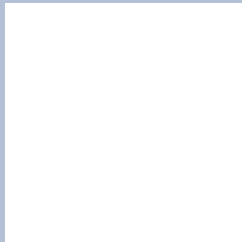
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2067, 0.2884, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 52.2067, 0.2884, 0.3030.



This preview shows how white text looks on a background with the Yxy color 52.2067, 0.2884, 0.3030.

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

52.2067, 0.2884, 0.3030

Protanopia

52.2717, 0.2950, 0.3022

Deuteranopia

52.1150, 0.3022, 0.2957



Tritanopia

52.2777, 0.2911, 0.3102

Trichromacy



Original Color

52.2067, 0.2884, 0.3030

Protanomaly

52.3294, 0.2928, 0.3032

Deuteranomaly

52.0279, 0.2967, 0.2976

Tritanomaly

52.3768, 0.2897, 0.3078

Monochromacy



Original Color

52.2067, 0.2884, 0.3030

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 52.2067, 0.2884, 0.3030 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(180, 192, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 192, 213) }
```

Border

The CSS property to change the border of an element to Yxy 52.2067, 0.2884, 0.3030 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, 213) }
```

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

```
.border{ border-color:rgb(180, 192, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 192, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 192, 213);  
box-shadow:4px 4px 4px 4px rgb(180, 192,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2067, 0.2884, 0.3030 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, 213) }
```

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

```
.background{ background-color: rgb(180,  
192, 213) }
```

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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