

Converting Colors

$Y_{xy}(52.2286, 0.2918, 0.3115)$

Have a look what the booklet for
Yxy(52.2286, 0.2918, 0.3115)
contains.

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Color

Yxy(52.2286, 0.2918, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	B3C1CF
RGB	179, 193, 207
RGB Percent	70%, 76%, 81%
CMY	0.2979, 0.2431, 0.1884
CMYK	0.13, 0.07, 0.00, 0.19
HSL	210°, 23%, 76%
HSV	210°, 13%, 81%
XYZ	48.9255, 52.2286, 66.5139
YIQ	190.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

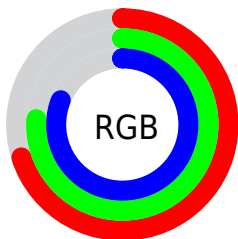
Format	Color
RYB	179, 188, 207
Decimal	11780559
CIELab	77.42, -1.95, -8.64
CIELCh	77, 8.852, 257.302
Yxy	52.2286, 0.2918, 0.3115
Android (android.graphics.Color)	4289970639 (0xFFB3C1CF)
YUV	190.4100, 8.1789, -10.0066
Hunter-Lab	72.2694, -5.6289, -3.9797

Details

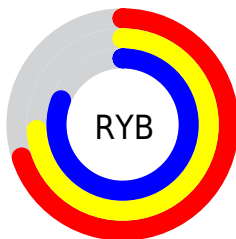
The Yxy color $52.2286, 0.2918, 0.3115$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.6602, 0.3350, 0.3459$, and the grayscale version is $51.7019, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.6335, 0.3005, 0.3230$, and $25.4917, 0.2858, 0.3070$ is the 20% darker color. If you saturate the color by 10%, you get $45.5285, 0.2757, 0.2968$, and if you desaturate by 10%, it is $59.6235, 0.3074, 0.3247$.

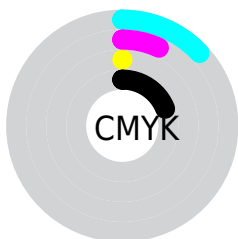
Distribution



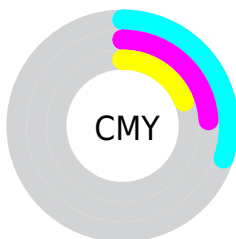
- Red (70%)
- Green (76%)
- Blue (81%)



- Red (70%)
- Yellow (74%)
- Blue (81%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2286, 0.2918, 0.3115 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 52.2286, 0.2918, 0.3115 by changing the saturation by 10% instead.

■ 52.2286, 0.2918,
0.3115

■ 52.2286, 0.2918,
0.3115

■ 395.3185, 0.3020,
0.3201

■ 37.1873, 0.2893,
0.3094

■ 93.4683, 0.2955,
0.3146

■ 25.3526, 0.2862,
0.3067

■ 120.4355, 0.2968,
0.3158

■ 16.3399, 0.2821,
0.3032

■ 152.1468, 0.2980,
0.3168

■ 9.7650, 0.2765,
0.2984

■ 188.9866, 0.2990,
0.3176

■ 5.2434, 0.2684,
0.2914

■ 231.3392, 0.2999,
0.3184

■ 2.3908, 0.2557,
0.2803

■ 279.5892, 0.3007,

■ 0.8211, 0.2322,

0.3190

0.2602

334.1208, 0.3014,
0.3196

0.0000, 0.0000,
0.0000

52.2286, 0.2918,
0.3115

52.2286, 0.2918,
0.3115

45.5285, 0.2757,
0.2968

59.6235, 0.3074,
0.3247

39.4939, 0.2594,
0.2807

67.7286, 0.3223,
0.3365

34.1025, 0.2432,
0.2633

76.5665, 0.3364,
0.3469

29.3281, 0.2276,
0.2447

84.8400, 0.3448,
0.3566

25.1425, 0.2131,
0.2255

90.9211, 0.3429,
0.3665

■ 21.5145, 0.2003,
0.2059

■ 97.2835, 0.3412,
0.3761

■ 18.4089, 0.1895,
0.1865

■ 15.7847, 0.1812,
0.1680

■ 14.2947, 0.1768,
0.1564

Harmonies

Analogous

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



52.2286, 0.2898, 0.3190



52.2286, 0.2918, 0.3115



52.2286, 0.2993, 0.3088

Triad

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



52.2286, 0.2918, 0.3115



52.2286, 0.3319, 0.3281



52.2286, 0.3146, 0.3476

Complementary

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



52.2286, 0.2918, 0.3115



54.6602, 0.3350, 0.3459

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.



52.2286, 0.3261, 0.3499



52.2286, 0.2918, 0.3115



52.2286, 0.3362, 0.3383

Square

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



52.2286, 0.2918, 0.3115



52.2286, 0.3224, 0.3183



52.2286, 0.3340, 0.3464



52.2286, 0.3029, 0.3401

Rectangle

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



52.2286, 0.2918, 0.3115



52.2286, 0.3065, 0.3099



52.2286, 0.3340, 0.3464



52.2286, 0.3187, 0.3490

Sweetspot

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



52.2308, 0.2918, 0.3115



94.9047, 0.3066, 0.3240



58.0494, 0.3015, 0.3464



20.1129, 0.3054, 0.3231



0.0000, 0.0000, 0.0000



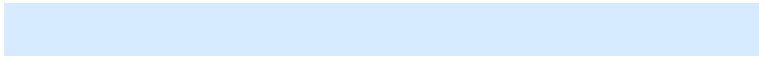
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2308, 0.2918, 0.3115



80.7307, 0.2875, 0.3077



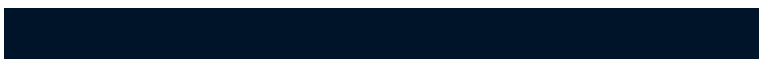
46.3459, 0.2913, 0.2936



12.3800, 0.2982, 0.3171



9.1984, 0.1775, 0.1589



0.6730, 0.1867, 0.1922

Inverse Universe

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



49.3657, 0.3256, 0.3122



75.4291, 0.3286, 0.3087



61.1283, 0.3328, 0.3621



11.9054, 0.3213, 0.3174



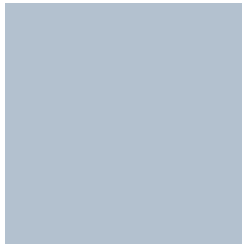
8.9999, 0.4945, 0.2498



0.5192, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 52.2286, 0.2918, 0.3115 looks on a white background.

Color Contrast Check

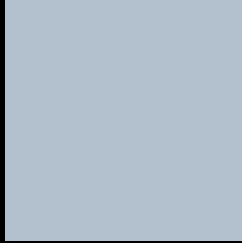
Large Text (above 18pt) WCAG AA × Fail

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 52.2286, 0.2918, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

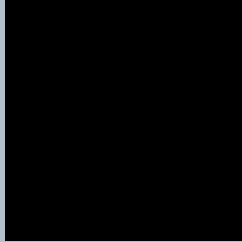
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

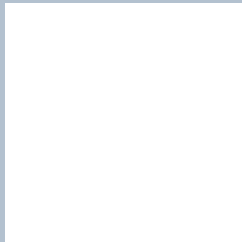
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2286, 0.2918, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 52.2286, 0.2918, 0.3115.

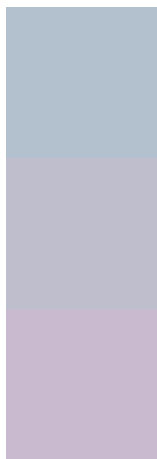


This preview shows how white text looks on a background with the Yxy color 52.2286, 0.2918, 0.3115.

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

52.2286, 0.2918, 0.3115

Protanopia

52.1818, 0.3016, 0.3106

Deuteranopia

52.2284, 0.3090, 0.3028



Tritanopia

52.2777, 0.2911, 0.3102

Trichromacy



Original Color

52.2286, 0.2918, 0.3115

Protanomaly

52.1569, 0.2977, 0.3105

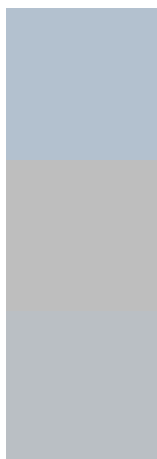
Deuteranomaly

52.4186, 0.3026, 0.3060

Tritanomaly

52.2777, 0.2911, 0.3102

Monochromacy



Original Color

52.2286, 0.2918, 0.3115

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6862, 0.3050, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2286, 0.2918, 0.3115 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, 193, 207)` looks like.

```
.text, #text, p{  
    color:rgb(179, 193, 207)  
}
```

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, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 193, 207) }
```

Border

The CSS property to change the border of an element to Yxy 52.2286, 0.2918, 0.3115 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, 193, 207) }
```

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

```
.border{ border-color:rgb(179, 193, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 193, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 193, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 193, 207);  
box-shadow:4px 4px 4px 4px rgb(179, 193,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2286, 0.2918, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 193, 207) }
```

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

```
.background{ background-color: rgb(179,  
193, 207) }
```

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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