

Converting Colors

Yxy(52.6141, 0.2919, 0.3141)

Have a look what the booklet for
Yxy(52.6141, 0.2919, 0.3141)
contains.

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Color

Yxy(52.5048, 0.2917, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	B2C2CE
RGB	178, 194, 206
RGB Percent	70%, 76%, 81%
CMY	0.3020, 0.2392, 0.1921
CMYK	0.14, 0.06, 0.00, 0.19
HSL	206°, 22%, 75%
HSV	206°, 14%, 81%
XYZ	48.7915, 52.5048, 65.9697
YIQ	190.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

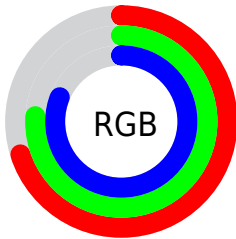
Format	Color
R_{YB}	178, 188, 206
Decimal	11715278
CIE _{Lab}	77.58, -3.02, -7.89
CIE _{LCh}	78, 8.446, 249.046
Yxy	52.5048, 0.2917, 0.3139
Android (android.graphics.Color)	4289905358 (0xFFB2C2CE)
YUV	190.5840, 7.6001, -11.0362
Hunter-Lab	72.4602, -6.6113, -3.2571

Details

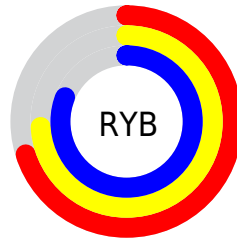
The Yxy color **52.5048, 0.2917, 0.3139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1660, 0.3355, 0.3436**, and the grayscale version is **51.8083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0836, 0.2999, 0.3240**, and **25.3831, 0.2857, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **46.4361, 0.2759, 0.3014**, and if you desaturate by 10%, it is **59.1774, 0.3072, 0.3252**.

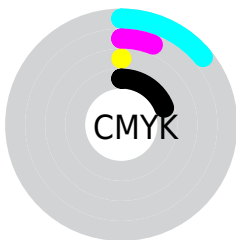
Distribution



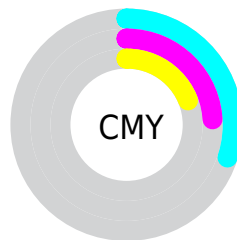
- Red (70%)
- Green (76%)
- Blue (81%)



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



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5048, 0.2917, 0.3139 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 52.5048, 0.2917, 0.3139 by changing the saturation by 10% instead.

■ 52.5048, 0.2917,
0.3139

■ 52.5048, 0.2917,
0.3139

396.3823, 0.3019,
0.3213

■ 37.4076, 0.2892,
0.3121

■ 93.8753, 0.2954,
0.3166

■ 25.5232, 0.2861,
0.3098

120.9174, 0.2968,
0.3176

■ 16.4673, 0.2820,
0.3067

152.7099, 0.2979,
0.3185

■ 9.8554, 0.2764,
0.3025

189.6372, 0.2990,
0.3192

■ 5.3032, 0.2683,
0.2964

232.0837, 0.2999,
0.3198

■ 2.4262, 0.2557,
0.2866

280.4338, 0.3006,

■ 0.8393, 0.2320,

0.3204

0.2690

335.0719, 0.3013,
0.3209

0.0000, 0.0000,
0.0000

52.5048, 0.2917,
0.3139

52.5048, 0.2917,
0.3139

46.4361, 0.2759,
0.3014

59.1774, 0.3072,
0.3252

40.9444, 0.2601,
0.2877

66.4665, 0.3223,
0.3353

36.0103, 0.2447,
0.2729

74.3926, 0.3366,
0.3443

31.6107, 0.2300,
0.2572

81.9356, 0.3463,
0.3525

27.7201, 0.2166,
0.2409

86.9559, 0.3447,
0.3611

■ 24.3107, 0.2048,
0.2242

■ 92.2285, 0.3432,
0.3696

■ 21.3507, 0.1951,
0.2075

■ 97.2374, 0.3418,
0.3770

■ 18.8026, 0.1876,
0.1913

■ 17.3508, 0.1837,
0.1812

Harmonies

Analogous

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



52.5048, 0.2914, 0.3221



52.5048, 0.2917, 0.3139



52.5048, 0.2975, 0.3099

Triad

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



52.5048, 0.2917, 0.3139



52.5048, 0.3289, 0.3254



52.5048, 0.3177, 0.3479

Complementary

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



52.5048, 0.2917, 0.3139



53.1660, 0.3355, 0.3436

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.



52.5048, 0.3280, 0.3485



52.5048, 0.2917, 0.3139



52.5048, 0.3345, 0.3353

Square

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



52.5048, 0.2917, 0.3139



52.5048, 0.3189, 0.3166



52.5048, 0.3342, 0.3438



52.5048, 0.3063, 0.3419

Rectangle

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



52.5048, 0.2917, 0.3139



52.5048, 0.3038, 0.3101



52.5048, 0.3342, 0.3438



52.5048, 0.3214, 0.3487

Sweetspot

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



52.5070, 0.2917, 0.3139



95.3591, 0.3066, 0.3247



57.3202, 0.3030, 0.3496



20.2279, 0.3054, 0.3239



0.0000, 0.0000, 0.0000



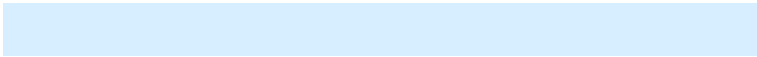
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5070, 0.2917, 0.3139



82.4131, 0.2876, 0.3108



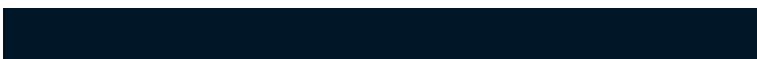
46.6923, 0.2912, 0.2963



11.8904, 0.2983, 0.3188



10.8774, 0.1843, 0.1835



0.7099, 0.1930, 0.2147

Inverse Universe

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



48.8547, 0.3240, 0.3097



75.5990, 0.3265, 0.3059



59.3760, 0.3333, 0.3597



11.3193, 0.3202, 0.3158



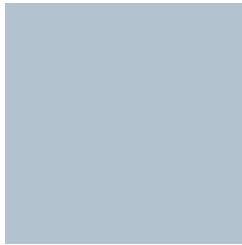
8.9011, 0.4644, 0.2332



0.4742, 0.4289, 0.2137

Previews

White Background



This preview shows how the Yxy color 52.5048, 0.2917, 0.3139 looks on a white background.

Color Contrast Check

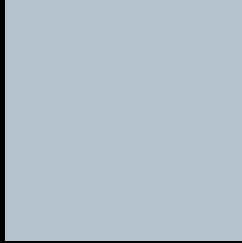
Large Text (above 18pt) WCAG AA × Fail

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 52.5048, 0.2917, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

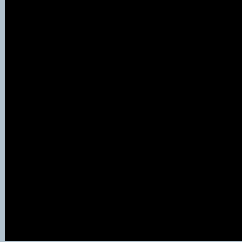
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

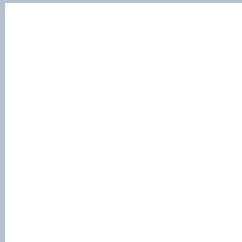
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5048, 0.2917, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 52.5048, 0.2917, 0.3139.

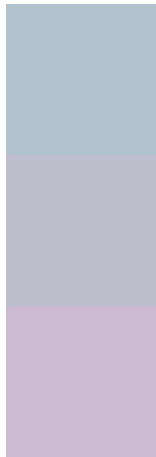


This preview shows how white text looks on a background with the Yxy color 52.5048, 0.2917, 0.3139.

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

52.5048, 0.2917, 0.3139

Protanopia

52.2629, 0.3031, 0.3118

Deuteranopia

52.3684, 0.3098, 0.3029



Tritanopia

52.7707, 0.2904, 0.3103

Trichromacy



Original Color

52.5048, 0.2917, 0.3139

Protanomaly

52.1085, 0.2985, 0.3117

Deuteranomaly

52.3695, 0.3033, 0.3072

Tritanomaly

52.7213, 0.2911, 0.3115

Monochromacy



Original Color

52.5048, 0.2917, 0.3139

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1239, 0.3050, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5048, 0.2917, 0.3139 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(178, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 206)  
}
```

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(178, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 206) }
```

Border

The CSS property to change the border of an element to Yxy 52.5048, 0.2917, 0.3139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

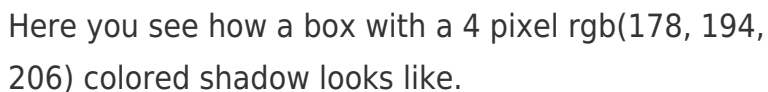
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 194, 206) }
```

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

```
.border{ border-color:rgb(178, 194, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 194, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 194, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 194, 206); box-shadow:4px 4px 4px 4px rgb(178, 194, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5048, 0.2917, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 194, 206) }
```

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

```
.background{ background-color: rgb(178,  
194, 206) }
```

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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