

Converting Colors

$Yxy(51.6705, 0.2946, 0.3224)$

Have a look what the booklet for
Yxy(51.6705, 0.2946, 0.3224)
contains.

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Color

Yxy(51.8211, 0.2943, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	AFC2C7
RGB	175, 194, 199
RGB Percent	69%, 76%, 78%
CMY	0.3138, 0.2392, 0.2196
CMYK	0.12, 0.03, 0.00, 0.22
HSL	192°, 18%, 73%
HSV	192°, 12%, 78%
XYZ	47.2751, 51.8211, 61.5396
YIQ	188.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

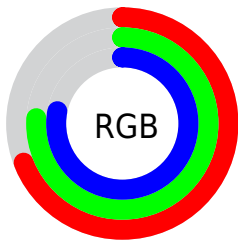
Format	Color
RYB	175, 186, 199
Decimal	11518663
CIELab	77.17, -5.45, -4.71
CIELCh	77, 7.209, 220.845
Yxy	51.8211, 0.2943, 0.3226
Android (android.graphics.Color)	4289708743 (0xFFAFC2C7)
YUV	188.8890, 4.9847, -12.1807
Hunter-Lab	71.9869, -8.7528, -0.2946

Details

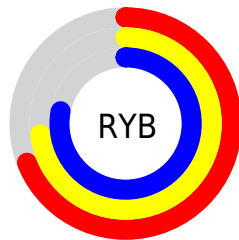
The Yxy color **51.8211, 0.2943, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8622, 0.3335, 0.3353**, and the grayscale version is **50.7975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5801, 0.2981, 0.3240**, and **24.9381, 0.2891, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **47.8756, 0.2794, 0.3167**, and if you desaturate by 10%, it is **56.1613, 0.3095, 0.3280**.

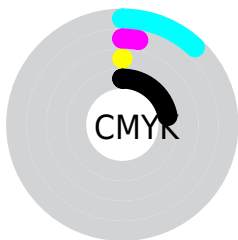
Distribution



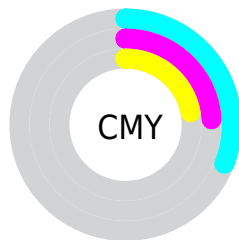
- Red (69%)
- Green (76%)
- Blue (78%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8211, 0.2943, 0.3226 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 51.8211, 0.2943, 0.3226 by changing the saturation by 10% instead.

■ 51.8211, 0.2943,
0.3226

■ 51.8211, 0.2943,
0.3226

393.7456, 0.3033,
0.3258

■ 36.8625, 0.2921,
0.3218

■ 92.8673, 0.2975,
0.3238

■ 25.1010, 0.2893,
0.3208

119.7238, 0.2988,
0.3242

■ 16.1524, 0.2857,
0.3194

151.3149, 0.2998,
0.3246

■ 9.6320, 0.2807,
0.3175

188.0252, 0.3007,
0.3249

■ 5.1557, 0.2735,
0.3146

230.2391, 0.3015,
0.3252

■ 2.3389, 0.2621,
0.3099

278.3408, 0.3022,

■ 0.7942, 0.2365,

0.3254

0.3021

332.7148, 0.3028,
0.3256

0.0000, 0.0000,
0.0000

51.8211, 0.2943,
0.3226

51.8211, 0.2943,
0.3226

47.8756, 0.2794,
0.3167

56.1613, 0.3095,
0.3280

44.3031, 0.2651,
0.3104

60.9039, 0.3249,
0.3328

41.0895, 0.2517,
0.3036

66.0647, 0.3400,
0.3371

38.2172, 0.2397,
0.2965

71.6565, 0.3548,
0.3410

35.6668, 0.2291,
0.2891

73.8089, 0.3543,
0.3451

■ 33.4167, 0.2203,
0.2816

■ 75.9339, 0.3534,
0.3493

■ 31.4425, 0.2135,
0.2740

■ 78.1123, 0.3525,
0.3534

■ 29.7146, 0.2086,
0.2665

■ 80.3444, 0.3516,
0.3575

■ 28.4769, 0.2057,
0.2605

■ 82.6308, 0.3508,
0.3615

Harmonies

Analogous

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



51.8211, 0.2986, 0.3314



51.8211, 0.2943, 0.3226



51.8211, 0.2948, 0.3158

Triad

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



51.8211, 0.2943, 0.3226



51.8211, 0.3186, 0.3187



51.8211, 0.3253, 0.3458

Complementary

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



51.8211, 0.2943, 0.3226



47.8622, 0.3335, 0.3353

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.



51.8211, 0.3309, 0.3421



51.8211, 0.2943, 0.3226



51.8211, 0.3270, 0.3265

Square

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



51.8211, 0.2943, 0.3226



51.8211, 0.3088, 0.3137



51.8211, 0.3315, 0.3350



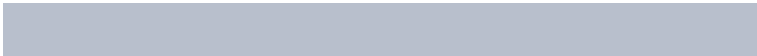
51.8211, 0.3164, 0.3449

Rectangle

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



51.8211, 0.2943, 0.3226



51.8211, 0.2979, 0.3132



51.8211, 0.3315, 0.3350



51.8211, 0.3277, 0.3450

Sweetspot

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



51.8233, 0.2943, 0.3226



96.7736, 0.3065, 0.3269



53.2421, 0.3078, 0.3539



20.5865, 0.3053, 0.3265



0.0000, 0.0000, 0.0000



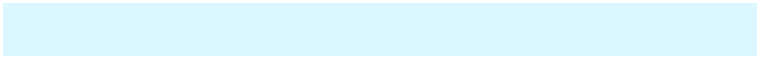
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8233, 0.2943, 0.3226



89.2113, 0.2911, 0.3214



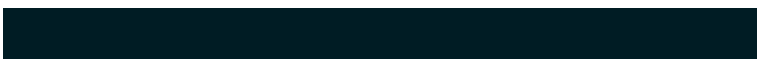
46.7653, 0.2940, 0.3072



11.6794, 0.2984, 0.3241



18.4414, 0.2060, 0.2616



0.9700, 0.2103, 0.2772

Inverse Universe

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



46.6880, 0.3182, 0.3056



78.8318, 0.3192, 0.3013



52.8425, 0.3316, 0.3499



10.7775, 0.3169, 0.3109



9.4017, 0.3809, 0.1872



0.4549, 0.3661, 0.1790

Previews

White Background



This preview shows how the Yxy color 51.8211, 0.2943, 0.3226 looks on a white background.

Color Contrast Check

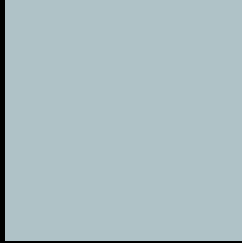
Large Text (above 18pt) WCAG AA × Fail

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 51.8211, 0.2943, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

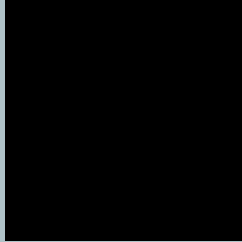
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

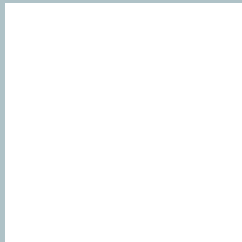
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8211, 0.2943, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 51.8211, 0.2943, 0.3226.

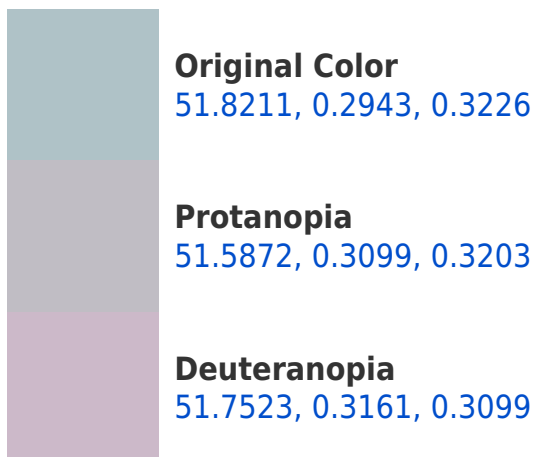


This preview shows how white text looks on a background with the Yxy color 51.8211, 0.2943, 0.3226.

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





Tritanopia

52.0411, 0.2896, 0.3102

Trichromacy



Original Color

51.8211, 0.2943, 0.3226

Protanomaly

51.7319, 0.3042, 0.3215

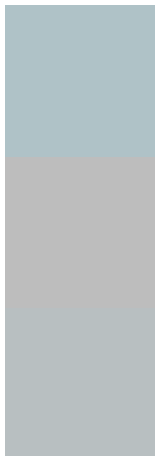
Deuteranomaly

51.4740, 0.3077, 0.3143

Tritanomaly

51.7778, 0.2909, 0.3138

Monochromacy



Original Color

51.8211, 0.2943, 0.3226

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3022, 0.3056, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8211, 0.2943, 0.3226 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(175, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 199)  
}
```

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(175, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.8211, 0.2943, 0.3226 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(175, 194, 199) }
```

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

```
.border{ border-color:rgb(175, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(175, 194,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8211, 0.2943, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 199) }
```

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

```
.background{ background-color: rgb(175,  
194, 199) }
```

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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