

Converting Colors

Yxy(51.6412, 0.2805, 0.3145)

Have a look what the booklet for
Yxy(51.6412, 0.2805, 0.3145)
contains.

Yxy(51.7714, 0.2803, 0.3148)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.7714, 0.2803, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	A3C4CF
RGB	163, 196, 207
RGB Percent	64%, 77%, 81%
CMY	0.3610, 0.2313, 0.1883
CMYK	0.21, 0.05, 0.00, 0.19
HSL	195°, 31%, 73%
HSV	195°, 21%, 81%
XYZ	46.0976, 51.7714, 66.5891
YIQ	187.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

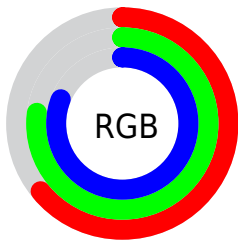
Format	Color
RYB	163, 182, 207
Decimal	10732751
CIELab	77.14, -8.64, -9.17
CIELCh	77, 12.601, 226.700
Yxy	51.7714, 0.2803, 0.3148
Android (android.graphics.Color)	4288922831 (0xFFA3C4CF)
YUV	187.3870, 9.6692, -21.3874
Hunter-Lab	71.9523, -11.5573, -4.5039

Details

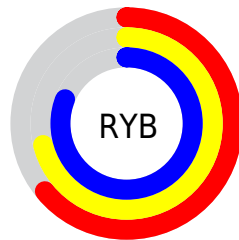
The Yxy color **51.7714, 0.2803, 0.3148** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1492, 0.3525, 0.3428**, and the grayscale version is **49.8739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3760, 0.2905, 0.3269**, and **24.9609, 0.2711, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **47.4780, 0.2656, 0.3072**, and if you desaturate by 10%, it is **56.5066, 0.2954, 0.3218**.

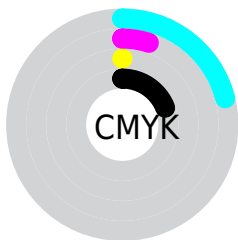
Distribution



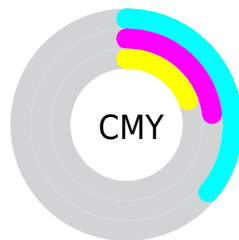
- Red (64%)
- Green (77%)
- Blue (81%)



- Red (64%)
- Yellow (71%)
- Blue (81%)



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7714, 0.2803, 0.3148 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 51.7714, 0.2803, 0.3148 by changing the saturation by 10% instead.

■ 51.7714, 0.2803,
0.3148

■ 51.7714, 0.2803,
0.3148

■ 393.5534, 0.2961,
0.3219

■ 36.8229, 0.2765,
0.3130

■ 92.7940, 0.2859,
0.3174

■ 25.0704, 0.2717,
0.3107

■ 119.6369, 0.2881,
0.3184

■ 16.1295, 0.2654,
0.3076

■ 151.2134, 0.2899,
0.3192

■ 9.6158, 0.2569,
0.3034

■ 187.9079, 0.2915,
0.3199

■ 5.1450, 0.2447,
0.2970

■ 230.1047, 0.2928,
0.3205

■ 2.3326, 0.2259,
0.2865

■ 278.1883, 0.2940,

■ 0.7909, 0.1839,

0.3211

0.2690

332.5431, 0.2951,
0.3215

0.0000, 0.0000,
0.0000

51.7714, 0.2803,
0.3148

51.7714, 0.2803,
0.3148

47.4780, 0.2656,
0.3072

56.5066, 0.2954,
0.3218

43.6018, 0.2518,
0.2990

61.6943, 0.3108,
0.3282

40.1254, 0.2391,
0.2903

67.3524, 0.3260,
0.3340

37.0273, 0.2279,
0.2813

73.4962, 0.3410,
0.3391

34.2836, 0.2184,
0.2721

77.9044, 0.3470,
0.3441

■ 31.8671, 0.2108,
0.2628

■ 80.6833, 0.3461,
0.3492

■ 29.7453, 0.2052,
0.2536

■ 83.5466, 0.3452,
0.3543

■ 28.0856, 0.2016,
0.2456

■ 86.4952, 0.3443,
0.3593

■ 89.5297, 0.3433,
0.3643

Harmonies

Analogous

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



51.7714, 0.2861, 0.3299



51.7714, 0.2803, 0.3148



51.7714, 0.2829, 0.3042

Triad

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



51.7714, 0.2803, 0.3148



51.7714, 0.3262, 0.3136



51.7714, 0.3320, 0.3589

Complementary

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



51.7714, 0.2803, 0.3148



46.1492, 0.3525, 0.3428

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.



51.7714, 0.3433, 0.3535



51.7714, 0.2803, 0.3148



51.7714, 0.3400, 0.3273

Square

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



51.7714, 0.2803, 0.3148



51.7714, 0.3090, 0.3038



51.7714, 0.3463, 0.3418



51.7714, 0.3157, 0.3560

Rectangle

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



51.7714, 0.2803, 0.3148



51.7714, 0.2890, 0.3008



51.7714, 0.3463, 0.3418



51.7714, 0.3365, 0.3580

Sweetspot

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



51.7735, 0.2803, 0.3148



94.8044, 0.3034, 0.3252



55.4289, 0.3031, 0.3736



20.1745, 0.3024, 0.3248



0.0000, 0.0000, 0.0000



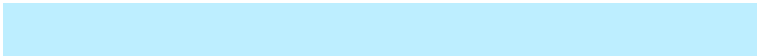
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7735, 0.2803, 0.3148



79.4292, 0.2728, 0.3110



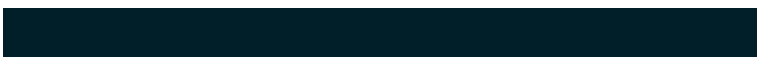
42.8264, 0.2783, 0.2864



12.8873, 0.2983, 0.3231



17.8532, 0.2019, 0.2468



1.1196, 0.2066, 0.2637

Inverse Universe

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



43.4266, 0.3247, 0.2890



63.7275, 0.3281, 0.2792



55.0479, 0.3473, 0.3683



11.9566, 0.3175, 0.3117



9.8736, 0.3954, 0.1952



0.5643, 0.3789, 0.1861

Previews

White Background



This preview shows how the Yxy color 51.7714, 0.2803, 0.3148 looks on a white background.

Color Contrast Check

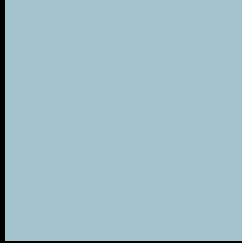
Large Text (above 18pt) WCAG AA × Fail

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 51.7714, 0.2803, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

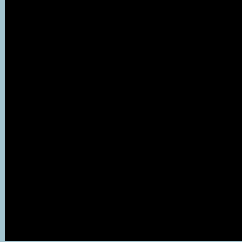
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

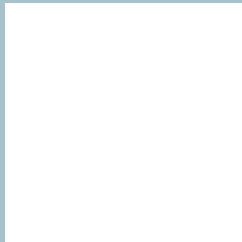
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7714, 0.2803, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 51.7714, 0.2803, 0.3148.



This preview shows how white text looks on a background with the Yxy color 51.7714, 0.2803, 0.3148.

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

51.7714, 0.2803, 0.3148

Protanopia

51.6541, 0.3030, 0.3118

Deuteranopia

51.5807, 0.3067, 0.3003



Tritanopia

51.6259, 0.2784, 0.3085

Trichromacy



Original Color

51.7714, 0.2803, 0.3148

Protanomaly

51.7622, 0.2946, 0.3139

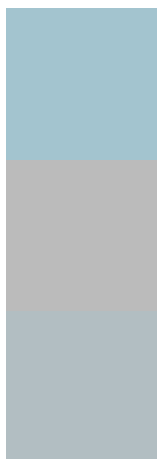
Deuteranomaly

51.5141, 0.2971, 0.3056

Tritanomaly

51.5759, 0.2790, 0.3097

Monochromacy



Original Color

51.7714, 0.2803, 0.3148

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.1869, 0.3001, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7714, 0.2803, 0.3148 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(163, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(163, 196, 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(163, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 196, 207) }
```

Border

The CSS property to change the border of an element to Yxy 51.7714, 0.2803, 0.3148 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(163, 196, 207) }
```

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

```
.border{ border-color:rgb(163, 196, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 196, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(163, 196,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7714, 0.2803, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 196, 207) }
```

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

```
.background{ background-color: rgb(163,  
196, 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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