

Converting Colors

Yxy(50.9006, 0.2739, 0.3028)

Have a look what the booklet for
Yxy(50.9006, 0.2739, 0.3028)
contains.

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Color

Yxy(51.0157, 0.2743, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	A1C2D6
RGB	161, 194, 214
RGB Percent	63%, 76%, 84%
CMY	0.3684, 0.2393, 0.1607
CMYK	0.25, 0.09, 0.00, 0.16
HSL	203°, 39%, 74%
HSV	203°, 25%, 84%
XYZ	46.1378, 51.0157, 71.0486
YIQ	186.4130, -26.0880, -0.7760

Conversions

Conversions Part 2

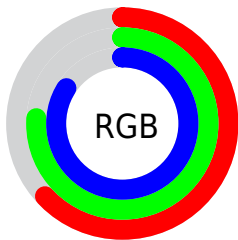
Format	Color
RYB	161, 181, 214
Decimal	10601174
CIELab	76.69, -6.56, -13.66
CIElCh	77, 15.159, 244.339
Yxy	51.0157, 0.2743, 0.3033
Android (android.graphics.Color)	4288791254 (0xFFA1C2D6)
YUV	186.4130, 13.6004, -22.2872
Hunter-Lab	71.4253, -9.6905, -8.9796

Details

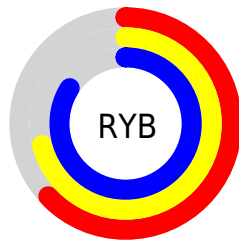
The Yxy color **51.0157, 0.2743, 0.3033** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.9603, 0.3587, 0.3533**, and the grayscale version is **49.2867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3429, 0.2898, 0.3238**, and **24.4475, 0.2640, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **45.4745, 0.2589, 0.2912**, and if you desaturate by 10%, it is **57.1380, 0.2899, 0.3145**.

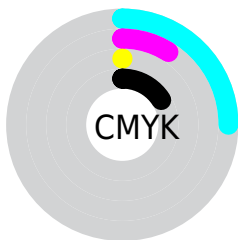
Distribution



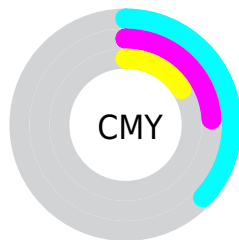
- Red (63%)
- Green (76%)
- Blue (84%)



- Red (63%)
- Yellow (71%)
- Blue (84%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (37%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0157, 0.2743, 0.3033 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 51.0157, 0.2743, 0.3033 by changing the saturation by 10% instead.

■ 51.0157, 0.2743,
0.3033

■ 51.0157, 0.2743,
0.3033

■ 390.6248, 0.2930,
0.3161

■ 36.2211, 0.2698,
0.3001

■ 91.6780, 0.2810,
0.3079

■ 24.6050, 0.2641,
0.2961

■ 118.3145, 0.2835,
0.3097

■ 15.7830, 0.2567,
0.2908

■ 149.6670, 0.2857,
0.3111

■ 9.3707, 0.2467,
0.2834

■ 186.1200, 0.2875,
0.3124

■ 4.9838, 0.2324,
0.2727

■ 228.0579, 0.2892,
0.3135

■ 2.2378, 0.2106,
0.2556

■ 275.8651, 0.2906,

■ 0.7405, 0.1654,

0.3145

0.2254

329.9259, 0.2919,
0.3153

0.0000, 0.0000,
0.0000

51.0157, 0.2743,
0.3033

51.0157, 0.2743,
0.3033

45.4745, 0.2589,
0.2912

57.1380, 0.2899,
0.3145

40.4856, 0.2440,
0.2781

63.8562, 0.3055,
0.3246

36.0271, 0.2301,
0.2643

71.1922, 0.3206,
0.3336

32.0722, 0.2176,
0.2499

79.1648, 0.3353,
0.3417

28.5916, 0.2068,
0.2352

85.2282, 0.3401,
0.3495

■ 25.5514, 0.1981,
0.2205

■ 89.9560, 0.3388,
0.3573

■ 22.9111, 0.1914,
0.2062

■ 94.8974, 0.3376,
0.3650

■ 21.6495, 0.1886,
0.1988

■ 97.6362, 0.3369,
0.3691

Harmonies

Analogous

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



51.0157, 0.2754, 0.3188



51.0157, 0.2743, 0.3033



51.0157, 0.2831, 0.2953

Triad

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



51.0157, 0.2743, 0.3033



51.0157, 0.3397, 0.3197



51.0157, 0.3247, 0.3645

Complementary

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



51.0157, 0.2743, 0.3033



49.9603, 0.3587, 0.3533

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.



51.0157, 0.3426, 0.3636



51.0157, 0.2743, 0.3033



51.0157, 0.3515, 0.3372

Square

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



51.0157, 0.2743, 0.3033



51.0157, 0.3205, 0.3049



51.0157, 0.3526, 0.3533



51.0157, 0.3040, 0.3551

Rectangle

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



51.0157, 0.2743, 0.3033



51.0157, 0.2936, 0.2948



51.0157, 0.3526, 0.3533



51.0157, 0.3313, 0.3654

Sweetspot

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



51.0178, 0.2743, 0.3033



92.5378, 0.3019, 0.3223



59.0029, 0.2970, 0.3725



19.6738, 0.3009, 0.3217



0.0000, 0.0000, 0.0000



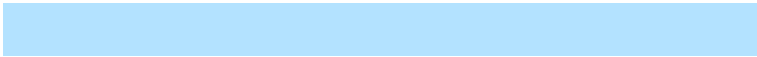
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0178, 0.2743, 0.3033



71.1712, 0.2657, 0.2967



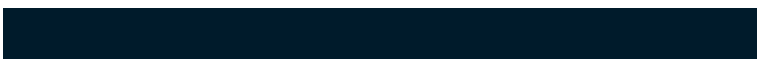
40.4888, 0.2713, 0.2687



13.2819, 0.2982, 0.3200



13.2888, 0.1891, 0.2009



0.9587, 0.1960, 0.2254

Inverse Universe

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



43.7041, 0.3332, 0.2899



58.7946, 0.3391, 0.2808



61.4819, 0.3517, 0.3828



12.5493, 0.3195, 0.3146



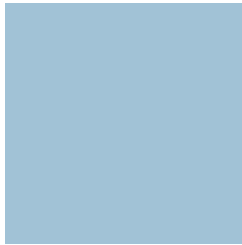
9.6864, 0.4443, 0.2221



0.6001, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 51.0157, 0.2743, 0.3033 looks on a white background.

Color Contrast Check

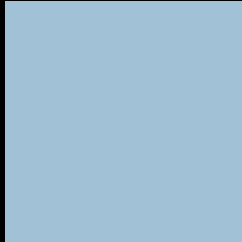
Large Text (above 18pt) WCAG AA × Fail

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 51.0157, 0.2743, 0.3033 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

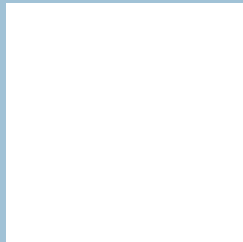
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0157, 0.2743, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 51.0157, 0.2743, 0.3033.



This preview shows how white text looks on a background with the Yxy color 51.0157, 0.2743, 0.3033.

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

51.0157, 0.2743, 0.3033

Protanopia

50.6329, 0.2948, 0.3006

Deuteranopia

50.7082, 0.2967, 0.2906



Tritanopia

51.1569, 0.2762, 0.3096

Trichromacy



Original Color

51.0157, 0.2743, 0.3033

Protanomaly

50.8772, 0.2874, 0.3027

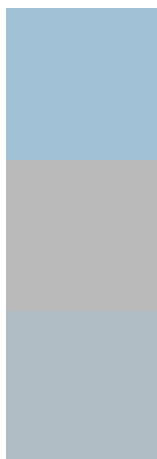
Deuteranomaly

50.8178, 0.2883, 0.2957

Tritanomaly

51.2069, 0.2756, 0.3083

Monochromacy



Original Color

51.0157, 0.2743, 0.3033

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7278, 0.2979, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0157, 0.2743, 0.3033 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(161, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(161, 194, 214)  
}
```

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(161, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 194, 214) }
```

Border

The CSS property to change the border of an element to Yxy 51.0157, 0.2743, 0.3033 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(161, 194, 214) }
```

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

```
.border{ border-color:rgb(161, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(161, 194,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0157, 0.2743, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 194, 214) }
```

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

```
.background{ background-color: rgb(161,  
194, 214) }
```

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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