

Converting Colors

Yxy(51.3856, 0.2768, 0.3039)

Have a look what the booklet for
Yxy(51.3856, 0.2768, 0.3039)
contains.

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Color

Yxy(51.3311, 0.2763, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	A4C2D6
RGB	164, 194, 214
RGB Percent	64%, 76%, 84%
CMY	0.3571, 0.2391, 0.1607
CMYK	0.23, 0.09, 0.00, 0.16
HSL	204°, 38%, 74%
HSV	204°, 23%, 84%
XYZ	46.7308, 51.3311, 71.0686
YIQ	187.3100, -24.3000, -0.1400

Conversions

Conversions Part 2

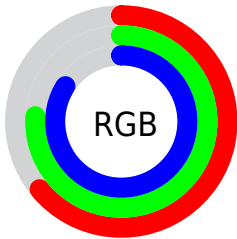
Format	Color
RYB	164, 183, 214
Decimal	10797782
CIELab	76.88, -5.71, -13.35
CIElCh	77, 14.521, 246.846
Yxy	51.3311, 0.2763, 0.3035
Android (android.graphics.Color)	4288987862 (0xFFA4C2D6)
YUV	187.3100, 13.1582, -20.4429
Hunter-Lab	71.6457, -8.9538, -8.6604

Details

The Yxy color $51.3311, 0.2763, 0.3035$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $51.2292, 0.3554, 0.3532$, and the grayscale version is $49.8084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8069, 0.2916, 0.3239$, and $24.6389, 0.2667, 0.2961$ is the 20% darker color. If you saturate the color by 10%, you get $45.5500, 0.2607, 0.2908$, and if you desaturate by 10%, it is $57.7182, 0.2920, 0.3151$.

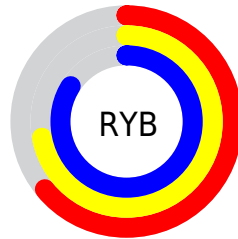
Distribution



Red (64%)

Green (76%)

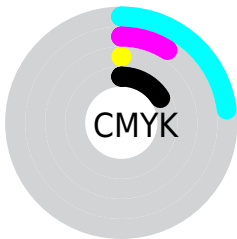
Blue (84%)



Red (64%)

Yellow (72%)

Blue (84%)

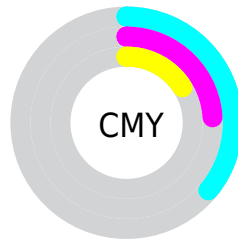


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (36%)


Magenta (24%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3311, 0.2763, 0.3035 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 51.3311, 0.2763, 0.3035 by changing the saturation by 10% instead.


 51.3311, 0.2763,
0.3035


 51.3311, 0.2763,
0.3035

391.8488, 0.2940,
0.3162

 36.4722, 0.2720,
0.3004


 92.1440, 0.2826,
0.3081

 24.7991, 0.2666,
0.2964


 118.8668, 0.2850,
0.3098

 15.9274, 0.2596,
0.2912

150.3130, 0.2871,
0.3113

 9.4728, 0.2501,
0.2840

186.8670, 0.2888,
0.3125

 5.0508, 0.2366,
0.2735

228.9131, 0.2904,
0.3136

 2.2771, 0.2158,
0.2568

276.8359, 0.2917,

 0.7616, 0.1745,

0.3146

0.2274

331.0197, 0.2929,
0.3154

0.0000, 0.0000,
0.0000

51.3311, 0.2763,
0.3035

51.3311, 0.2763,
0.3035

45.5500, 0.2607,
0.2908

57.7182, 0.2920,
0.3151

40.3459, 0.2455,
0.2771

64.7263, 0.3075,
0.3257

35.6963, 0.2312,
0.2625

72.3779, 0.3226,
0.3351

31.5743, 0.2181,
0.2473

80.6920, 0.3371,
0.3435

27.9504, 0.2068,
0.2318

86.5359, 0.3397,
0.3517

■ 24.7908, 0.1974,
0.2162

■ 91.5957, 0.3384,
0.3599

■ 22.0555, 0.1903,
0.2010

■ 96.8945, 0.3371,
0.3680

■ 20.4392, 0.1865,
0.1912

■ 97.6355, 0.3369,
0.3691

Harmonies

Analogous

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



51.3311, 0.2765, 0.3178



51.3311, 0.2763, 0.3035



51.3311, 0.2855, 0.2965

Triad

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



51.3311, 0.2763, 0.3035



51.3311, 0.3398, 0.3215



51.3311, 0.3226, 0.3625

Complementary

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



51.3311, 0.2763, 0.3035



51.2292, 0.3554, 0.3532

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.



51.3311, 0.3401, 0.3625



51.3311, 0.2763, 0.3035



51.3311, 0.3503, 0.3383

Square

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



51.3311, 0.2763, 0.3035



51.3311, 0.3219, 0.3069



51.3311, 0.3504, 0.3533



51.3311, 0.3028, 0.3527

Rectangle

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



51.3311, 0.2763, 0.3035



51.3311, 0.2959, 0.2965



51.3311, 0.3504, 0.3533



51.3311, 0.3289, 0.3637

Sweetspot

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



51.3332, 0.2763, 0.3035



92.3068, 0.3019, 0.3219



59.4087, 0.2973, 0.3687



19.6202, 0.3009, 0.3213



0.0000, 0.0000, 0.0000



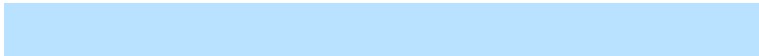
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3332, 0.2763, 0.3035



72.0206, 0.2686, 0.2974



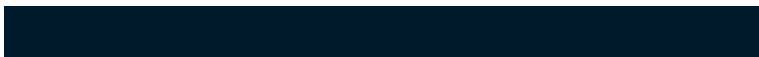
41.4100, 0.2737, 0.2714



13.2371, 0.2982, 0.3195



12.5616, 0.1871, 0.1934



0.9176, 0.1943, 0.2193

Inverse Universe

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



44.7235, 0.3328, 0.2933



60.8930, 0.3381, 0.2856



62.1695, 0.3492, 0.3807



12.5448, 0.3198, 0.3151



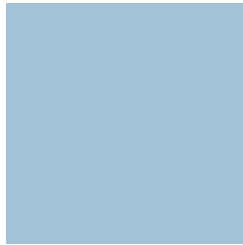
9.6129, 0.4528, 0.2268



0.5960, 0.4240, 0.2109

Previews

White Background



This preview shows how the Yxy color 51.3311, 0.2763, 0.3035 looks on a white background.

Color Contrast Check

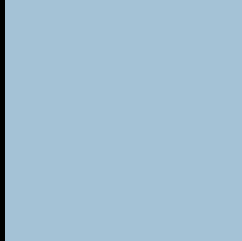
Large Text (above 18pt) WCAG AA × Fail

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 51.3311, 0.2763, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

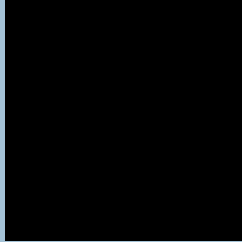
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

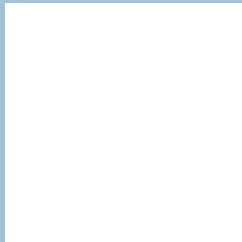
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3311, 0.2763, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 51.3311, 0.2763, 0.3035.



This preview shows how white text looks on a background with the Yxy color 51.3311, 0.2763, 0.3035.

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

51.3311, 0.2763, 0.3035

Protanopia

51.1844, 0.2956, 0.3020

Deuteranopia

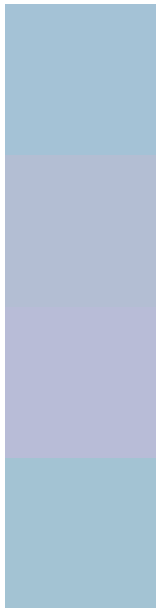
51.2579, 0.2975, 0.2919



Tritanopia

51.4699, 0.2783, 0.3097

Trichromacy



Original Color

51.3311, 0.2763, 0.3035

Protanomaly

51.1138, 0.2889, 0.3028

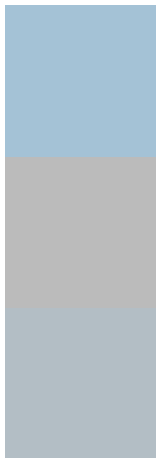
Deuteranomaly

51.0631, 0.2898, 0.2959

Tritanomaly

51.5199, 0.2777, 0.3085

Monochromacy



Original Color

51.3311, 0.2763, 0.3035

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4418, 0.2987, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3311, 0.2763, 0.3035 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(164, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 194, 214) }
```

Border

The CSS property to change the border of an element to Yxy 51.3311, 0.2763, 0.3035 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(164, 194, 214) }
```

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

```
.border{ border-color:rgb(164, 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(164, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(164, 194,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3311, 0.2763, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 194, 214) }
```

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

```
.background{ background-color: rgb(164,  
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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