

Converting Colors

$Yxy(51.6707, 0.2763, 0.2974)$

Have a look what the booklet for
Yxy(51.6707, 0.2763, 0.2974)
contains.

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Color

Yxy(51.5267, 0.2765, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	A8C1DA
RGB	168, 193, 218
RGB Percent	66%, 76%, 85%
CMY	0.3411, 0.2431, 0.1452
CMYK	0.23, 0.11, 0.00, 0.15
HSL	210°, 40%, 76%
HSV	210°, 23%, 85%
XYZ	47.8734, 51.5267, 73.7407
YIQ	188.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

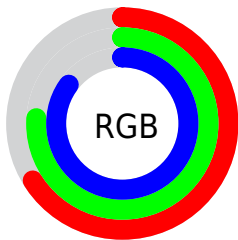
Format	Color
RYB	168, 185, 218
Decimal	11059674
CIELab	77.00, -3.03, -15.30
CIELCh	77, 15.593, 258.806
Yxy	51.5267, 0.2765, 0.2976
Android (android.graphics.Color)	4289249754 (0xFFA8C1DA)
YUV	188.3750, 14.6051, -17.8689
Hunter-Lab	71.7821, -6.5722, -10.6602

Details

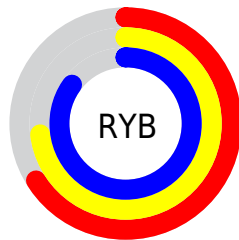
The Yxy color **51.5267, 0.2765, 0.2976** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.8689, 0.3532, 0.3585**, and the grayscale version is **50.4407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8187, 0.2939, 0.3229**, and **25.0453, 0.2670, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **44.6910, 0.2601, 0.2815**, and if you desaturate by 10%, it is **59.1227, 0.2926, 0.3123**.

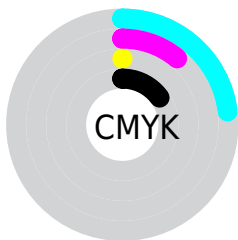
Distribution



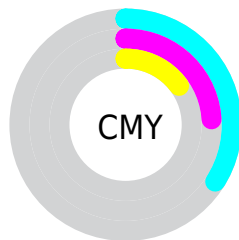
- Red (66%)
- Green (76%)
- Blue (85%)



- Red (66%)
- Yellow (73%)
- Blue (85%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (34%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5267, 0.2765, 0.2976 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 51.5267, 0.2765, 0.2976 by changing the saturation by 10% instead.

■ 51.5267, 0.2765,
0.2976

■ 51.5267, 0.2765,
0.2976

■ 392.6067, 0.2941,
0.3130

■ 36.6280, 0.2723,
0.2938

■ 92.4329, 0.2828,
0.3031

■ 24.9196, 0.2669,
0.2891

■ 119.2090, 0.2852,
0.3052

■ 16.0171, 0.2599,
0.2828

■ 150.7132, 0.2872,
0.3070

■ 9.5363, 0.2505,
0.2743

■ 187.3296, 0.2890,
0.3086

■ 5.0926, 0.2371,
0.2620

■ 229.4428, 0.2905,
0.3099

■ 2.3017, 0.2165,
0.2430

■ 277.4371, 0.2919,

■ 0.7746, 0.1793,

0.3111

0.2097

331.6969, 0.2931,
0.3121

0.0000, 0.0000,
0.0000

51.5267, 0.2765,
0.2976

51.5267, 0.2765,
0.2976

44.6910, 0.2601,
0.2815

59.1227, 0.2926,
0.3123

38.5817, 0.2439,
0.2641

67.4988, 0.3083,
0.3254

33.1714, 0.2282,
0.2455

76.6814, 0.3232,
0.3372

28.4281, 0.2136,
0.2262

86.6546, 0.3371,
0.3476

24.3165, 0.2007,
0.2066

93.1437, 0.3356,
0.3580

■ 20.7971, 0.1898,
0.1872

■ 97.8411, 0.3346,
0.3651

■ 17.8235, 0.1814,
0.1685

■ 16.0000, 0.1767,
0.1560

Harmonies

Analogous

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



51.5267, 0.2726, 0.3101



51.5267, 0.2765, 0.2976



51.5267, 0.2898, 0.2937

Triad

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



51.5267, 0.2765, 0.2976



51.5267, 0.3475, 0.3280



51.5267, 0.3148, 0.3620

Complementary

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



51.5267, 0.2765, 0.2976



55.8689, 0.3532, 0.3585

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.



51.5267, 0.3352, 0.3663



51.5267, 0.2765, 0.2976



51.5267, 0.3545, 0.3457

Square

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



51.5267, 0.2765, 0.2976



51.5267, 0.3308, 0.3110



51.5267, 0.3499, 0.3599



51.5267, 0.2943, 0.3479

Rectangle

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



51.5267, 0.2765, 0.2976



51.5267, 0.3025, 0.2961



51.5267, 0.3499, 0.3599



51.5267, 0.3219, 0.3647

Sweetspot

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



51.5288, 0.2765, 0.2976



91.2083, 0.3019, 0.3202



62.2744, 0.2945, 0.3614



19.3658, 0.3009, 0.3194



0.0000, 0.0000, 0.0000



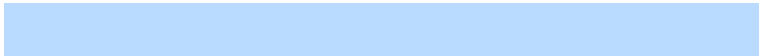
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5288, 0.2765, 0.2976



68.1833, 0.2678, 0.2892



41.7067, 0.2740, 0.2660



13.6877, 0.2982, 0.3170



9.8025, 0.1774, 0.1586



0.8074, 0.1856, 0.1881

Inverse Universe

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



46.7640, 0.3368, 0.2997



60.5056, 0.3439, 0.2926



67.4347, 0.3473, 0.3851



13.1596, 0.3214, 0.3174



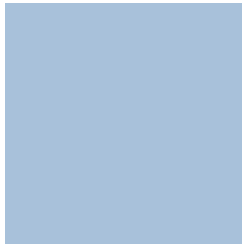
9.6133, 0.4949, 0.2500



0.6402, 0.4590, 0.2302

Previews

White Background



This preview shows how the Yxy color 51.5267, 0.2765, 0.2976 looks on a white background.

Color Contrast Check

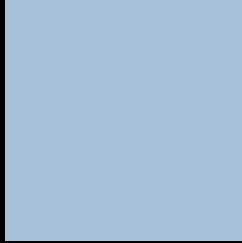
Large Text (above 18pt) WCAG AA × Fail

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 51.5267, 0.2765, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

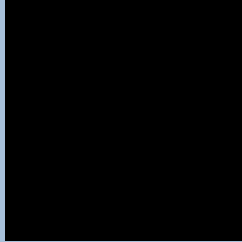
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

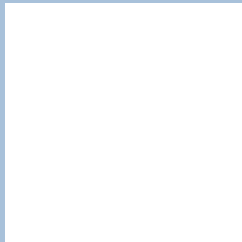
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5267, 0.2765, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 51.5267, 0.2765, 0.2976.



This preview shows how white text looks on a background with the Yxy color 51.5267, 0.2765, 0.2976.

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

51.5267, 0.2765, 0.2976

Protanopia

51.3118, 0.2913, 0.2960

Deuteranopia

51.3346, 0.2939, 0.2873



Tritanopia

51.3437, 0.2803, 0.3085

Trichromacy



Original Color

51.5267, 0.2765, 0.2976

Protanomaly

51.3685, 0.2855, 0.2969

Deuteranomaly

51.3952, 0.2878, 0.2913

Tritanomaly

51.6032, 0.2791, 0.3049

Monochromacy



Original Color

51.5267, 0.2765, 0.2976

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.7742, 0.2989, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5267, 0.2765, 0.2976 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(168, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(168, 193, 218)  
}
```

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(168, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 193, 218) }
```

Border

The CSS property to change the border of an element to Yxy 51.5267, 0.2765, 0.2976 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(168, 193, 218) }
```

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

```
.border{ border-color:rgb(168, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(168, 193,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5267, 0.2765, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 193, 218) }
```

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

```
.background{ background-color: rgb(168,  
193, 218) }
```

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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