

Converting Colors

$Yxy(50.1645, 0.2728, 0.2932)$

Have a look what the booklet for
Yxy(50.1645, 0.2728, 0.2932)
contains.

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Color

Yxy(50.2686, 0.2729, 0.2935)

Conversions

Conversions Part 1

Format	Color
Hex	A4BFDB
RGB	164, 191, 219
RGB Percent	64%, 75%, 86%
CMY	0.3565, 0.2510, 0.1411
CMYK	0.25, 0.13, 0.00, 0.14
HSL	211°, 43%, 75%
HSV	211°, 25%, 86%
XYZ	46.7404, 50.2686, 74.2639
YIQ	186.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

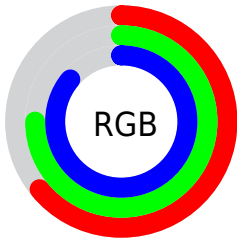
Format	Color
RYB	164, 182, 219
Decimal	10797019
CIELab	76.23, -2.90, -17.03
CIELCh	76, 17.272, 260.330
Yxy	50.2686, 0.2729, 0.2935
Android (android.graphics.Color)	4288987099 (0xFFA4BFDB)
YUV	186.1190, 16.2103, -19.3984
Hunter-Lab	70.9004, -6.4012, -12.4725

Details

The Yxy color **50.2686, 0.2729, 0.2935** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.4939, 0.3575, 0.3620**, and the grayscale version is **49.0999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9572, 0.2915, 0.3208**, and **24.2368, 0.2623, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **43.4467, 0.2564, 0.2767**, and if you desaturate by 10%, it is **57.8678, 0.2892, 0.3088**.

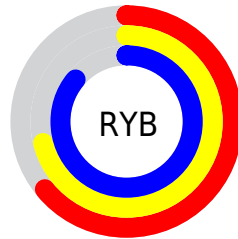
Distribution



Red (64%)

Green (75%)

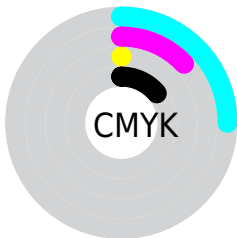
Blue (86%)



Red (64%)

Yellow (71%)

Blue (86%)

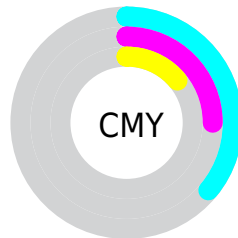


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (36%)

Magenta (25%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2686, 0.2729, 0.2935 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 50.2686, 0.2729, 0.2935 by changing the saturation by 10% instead.

■ 50.2686, 0.2729,
0.2935

■ 50.2686, 0.2729,
0.2935

■ 387.7154, 0.2923,
0.3110

■ 35.6269, 0.2682,
0.2892

■ 90.5727, 0.2798,
0.2998

■ 24.1462, 0.2623,
0.2838

■ 117.0039, 0.2825,
0.3022

■ 15.4421, 0.2546,
0.2767

■ 148.1337, 0.2847,
0.3042

■ 9.1302, 0.2441,
0.2670

■ 184.3464, 0.2867,
0.3059

■ 4.8262, 0.2293,
0.2531

■ 226.0266, 0.2884,
0.3074

■ 2.1457, 0.2065,
0.2315

■ 273.5586, 0.2898,

■ 0.6901, 0.1632,

0.3088

0.1925

327.3267, 0.2911,
0.3099

0.0000, 0.0000,
0.0000

50.2686, 0.2729,
0.2935

50.2686, 0.2729,
0.2935

43.4467, 0.2564,
0.2767

57.8678, 0.2892,
0.3088

37.3672, 0.2401,
0.2587

66.2654, 0.3050,
0.3226

32.0013, 0.2245,
0.2395

75.4889, 0.3200,
0.3349

27.3153, 0.2101,
0.2196

85.5627, 0.3343,
0.3458

23.2723, 0.1974,
0.1996

92.8121, 0.3350,
0.3564

■ 19.8303, 0.1870,
0.1799

■ 97.8951, 0.3339,
0.3641

■ 16.9397, 0.1790,
0.1613

■ 15.6833, 0.1757,
0.1525

Harmonies

Analogous

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



50.2686, 0.2681, 0.3068



50.2686, 0.2729, 0.2935



50.2686, 0.2881, 0.2898

Triad

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



50.2686, 0.2729, 0.2935



50.2686, 0.3523, 0.3288



50.2686, 0.3137, 0.3655

Complementary

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



50.2686, 0.2729, 0.2935



55.4939, 0.3575, 0.3620

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.



50.2686, 0.3367, 0.3708



50.2686, 0.2729, 0.2935



50.2686, 0.3595, 0.3485

Square

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



50.2686, 0.2729, 0.2935



50.2686, 0.3340, 0.3098



50.2686, 0.3537, 0.3641



50.2686, 0.2910, 0.3492

Rectangle

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



50.2686, 0.2729, 0.2935



50.2686, 0.3024, 0.2928



50.2686, 0.3537, 0.3641



50.2686, 0.3216, 0.3686

Sweetspot

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



50.2706, 0.2729, 0.2935



89.8713, 0.3003, 0.3186



62.3560, 0.2923, 0.3636



18.8465, 0.2979, 0.3166



0.0000, 0.0000, 0.0000



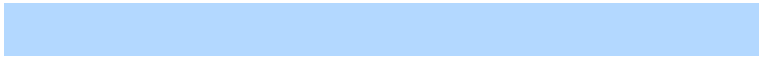
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2706, 0.2729, 0.2935



65.8371, 0.2644, 0.2850



39.5976, 0.2698, 0.2580



13.6648, 0.2982, 0.3168



9.5165, 0.1764, 0.1551



0.7887, 0.1848, 0.1851

Inverse Universe

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



45.4037, 0.3401, 0.2975



58.2561, 0.3475, 0.2907



68.4140, 0.3504, 0.3914



13.1573, 0.3215, 0.3176



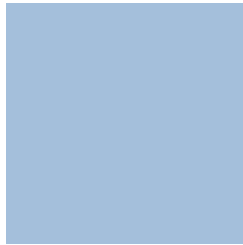
9.5845, 0.4993, 0.2524



0.6383, 0.4625, 0.2321

Previews

White Background



This preview shows how the Yxy color 50.2686, 0.2729, 0.2935 looks on a white background.

Color Contrast Check

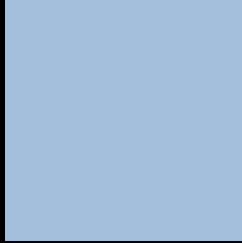
Large Text (above 18pt) WCAG AA × Fail

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 50.2686, 0.2729, 0.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

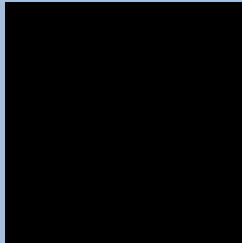
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

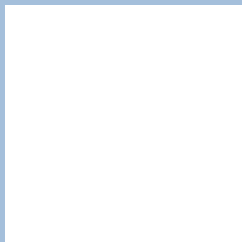
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2686, 0.2729, 0.2935

Background



This preview shows how black text looks on a background with the Yxy color 50.2686, 0.2729, 0.2935.



This preview shows how white text looks on a background with the Yxy color 50.2686, 0.2729, 0.2935.

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

50.2686, 0.2729, 0.2935

Protanopia

50.0208, 0.2875, 0.2920

Deuteranopia

50.0346, 0.2900, 0.2833



Tritanopia

50.3754, 0.2787, 0.3095

Trichromacy



Original Color

50.2686, 0.2729, 0.2935

Protanomaly

50.0902, 0.2817, 0.2928

Deuteranomaly

50.1089, 0.2840, 0.2873

Tritanomaly

50.2393, 0.2767, 0.3033

Monochromacy



Original Color

50.2686, 0.2729, 0.2935

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5086, 0.2972, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2686, 0.2729, 0.2935 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, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(164, 191, 219)  
}
```

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, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 191, 219) }
```

Border

The CSS property to change the border of an element to Yxy 50.2686, 0.2729, 0.2935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

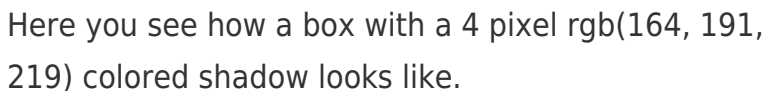
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 191, 219) }
```

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

```
.border{ border-color:rgb(164, 191, 219) }
```

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



Here you see how a box with a 4 pixel rgb(164, 191, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 191, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 191, 219); box-shadow:4px 4px 4px 4px rgb(164, 191, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2686, 0.2729, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 191, 219) }
```

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

```
.background{ background-color: rgb(164,  
191, 219) }
```

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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