

Converting Colors

$Y_{xy}(50.6040, 0.2685, 0.2922)$

Have a look what the booklet for
Yxy(50.6040, 0.2685, 0.2922)
contains.

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Color

Yxy(50.8874, 0.2685, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	A0C1DE
RGB	160, 193, 222
RGB Percent	63%, 76%, 87%
CMY	0.3727, 0.2431, 0.1294
CMYK	0.28, 0.13, 0.00, 0.13
HSL	208°, 48%, 75%
HSV	208°, 28%, 87%
XYZ	46.7440, 50.8874, 76.4617
YIQ	186.4390, -28.9770, 2.0230

Conversions

Conversions Part 2

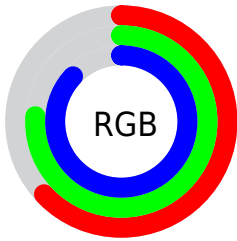
Format	Color
RYB	160, 182, 222
Decimal	10535390
CIELab	76.61, -4.52, -18.10
CIELCh	77, 18.651, 255.988
Yxy	50.8874, 0.2685, 0.2923
Android (android.graphics.Color)	4288725470 (0xFFA0C1DE)
YUV	186.4390, 17.5316, -23.1870
Hunter-Lab	71.3354, -7.8712, -13.6159

Details

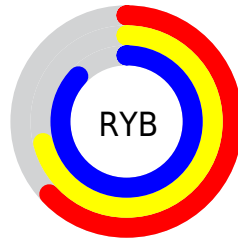
The Yxy color **50.8874, 0.2685, 0.2923** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.4316, 0.3645, 0.3630**, and the grayscale version is **49.2701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5703, 0.2892, 0.3228**, and **24.6720, 0.2570, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **44.3774, 0.2524, 0.2767**, and if you desaturate by 10%, it is **58.1314, 0.2846, 0.3066**.

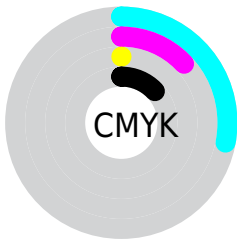
Distribution



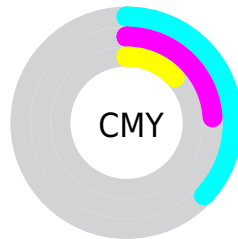
- Red (63%)
- Green (76%)
- Blue (87%)



- Red (63%)
- Yellow (71%)
- Blue (87%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (37%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8874, 0.2685, 0.2923 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 50.8874, 0.2685, 0.2923 by changing the saturation by 10% instead.

■ 50.8874, 0.2685,
0.2923

■ 50.8874, 0.2685,
0.2923

■ 390.1262, 0.2900,
0.3104

■ 36.1190, 0.2634,
0.2879

■ 91.4883, 0.2761,
0.2988

■ 24.5261, 0.2569,
0.2823

■ 118.0896, 0.2791,
0.3013

■ 15.7244, 0.2484,
0.2750

■ 149.4040, 0.2815,
0.3034

■ 9.3293, 0.2371,
0.2650

■ 185.8159, 0.2837,
0.3052

■ 4.9566, 0.2211,
0.2506

■ 227.7096, 0.2856,
0.3067

■ 2.2218, 0.1969,
0.2285

■ 275.4697, 0.2872,

■ 0.7319, 0.1521,

0.3081

0.1902

329.4804, 0.2887,
0.3093

0.0000, 0.0000,
0.0000

50.8874, 0.2685,
0.2923

50.8874, 0.2685,
0.2923

44.3774, 0.2524,
0.2767

58.1314, 0.2846,
0.3066

38.5670, 0.2368,
0.2599

66.1298, 0.3005,
0.3196

33.4277, 0.2220,
0.2422

74.9096, 0.3158,
0.3313

28.9262, 0.2087,
0.2240

84.4945, 0.3304,
0.3416

25.0254, 0.1972,
0.2056

91.7551, 0.3334,
0.3515

■ 21.6824, 0.1880,
0.1877

■ 98.0537, 0.3322,
0.3611

■ 18.8400, 0.1810,
0.1704

■ 18.3020, 0.1797,
0.1670

Harmonies

Analogous

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



50.8874, 0.2651, 0.3079



50.8874, 0.2685, 0.2923



50.8874, 0.2833, 0.2869

Triad

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



50.8874, 0.2685, 0.2923



50.8874, 0.3531, 0.3256



50.8874, 0.3174, 0.3700

Complementary

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



50.8874, 0.2685, 0.2923



54.4316, 0.3645, 0.3630

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.



50.8874, 0.3417, 0.3737



50.8874, 0.2685, 0.2923



50.8874, 0.3629, 0.3469

Square

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



50.8874, 0.2685, 0.2923



50.8874, 0.3321, 0.3059



50.8874, 0.3585, 0.3647



50.8874, 0.2926, 0.3539

Rectangle

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



50.8874, 0.2685, 0.2923



50.8874, 0.2981, 0.2891



50.8874, 0.3585, 0.3647



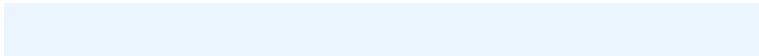
50.8874, 0.3259, 0.3728

Sweetspot

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



50.8894, 0.2685, 0.2923



90.4045, 0.3003, 0.3195



63.3789, 0.2914, 0.3709



18.9808, 0.2979, 0.3176



0.0000, 0.0000, 0.0000



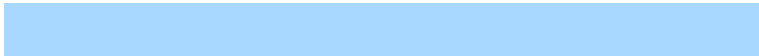
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8894, 0.2685, 0.2923



63.9259, 0.2583, 0.2826



38.5907, 0.2643, 0.2512



14.4467, 0.2981, 0.3178



11.0963, 0.1804, 0.1695



0.9479, 0.1878, 0.1960

Inverse Universe

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



44.5053, 0.3417, 0.2907



54.2569, 0.3504, 0.2817



69.2135, 0.3554, 0.3965



13.8220, 0.3209, 0.3166



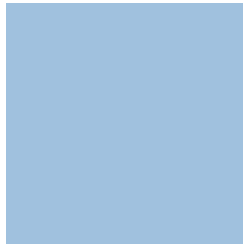
10.0282, 0.4813, 0.2425



0.7132, 0.4498, 0.2252

Previews

White Background



This preview shows how the Yxy color 50.8874, 0.2685, 0.2923 looks on a white background.

Color Contrast Check

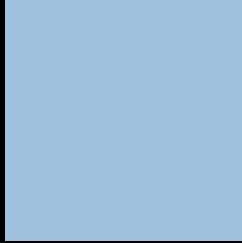
Large Text (above 18pt) WCAG AA × Fail

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 50.8874, 0.2685, 0.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

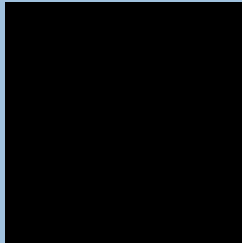
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

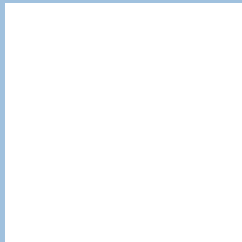
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8874, 0.2685, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 50.8874, 0.2685, 0.2923.



This preview shows how white text looks on a background with the Yxy color 50.8874, 0.2685, 0.2923.

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

50.8874, 0.2685, 0.2923

Protanopia

50.6699, 0.2869, 0.2910

Deuteranopia

50.6099, 0.2879, 0.2812



Tritanopia

50.9015, 0.2736, 0.3082

Trichromacy



Original Color

50.8874, 0.2685, 0.2923

Protanomaly

50.6236, 0.2805, 0.2918

Deuteranomaly

50.4521, 0.2806, 0.2849

Tritanomaly

50.7590, 0.2716, 0.3020

Monochromacy



Original Color

50.8874, 0.2685, 0.2923

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8658, 0.2957, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8874, 0.2685, 0.2923 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(160, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(160, 193, 222)  
}
```

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(160, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 193, 222) }
```

Border

The CSS property to change the border of an element to Yxy 50.8874, 0.2685, 0.2923 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(160, 193, 222) }
```

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

```
.border{ border-color:rgb(160, 193, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 193, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(160, 193,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8874, 0.2685, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 193, 222) }
```

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

```
.background{ background-color: rgb(160,  
193, 222) }
```

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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