

Converting Colors

$Yxy(50.0887, 0.2672, 0.2946)$

Have a look what the booklet for
Yxy(50.0887, 0.2672, 0.2946)
contains.

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Color

Yxy(50.3223, 0.2677, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	9CC1DB
RGB	156, 193, 219
RGB Percent	61%, 76%, 86%
CMY	0.3881, 0.2432, 0.1411
CMYK	0.29, 0.12, 0.00, 0.14
HSL	205°, 47%, 74%
HSV	205°, 29%, 86%
XYZ	45.5727, 50.3223, 74.3429
YIQ	184.9010, -30.3980, 0.2420

Conversions

Conversions Part 2

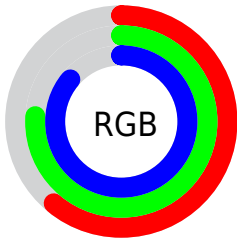
Format	Color
RYB	156, 179, 219
Decimal	10273243
CIELab	76.27, -6.36, -17.03
CIElCh	76, 18.180, 249.532
Yxy	50.3223, 0.2677, 0.2956
Android (android.graphics.Color)	4288463323 (0xFF9CC1DB)
YUV	184.9010, 16.8108, -25.3462
Hunter-Lab	70.9382, -9.4685, -12.4788

Details

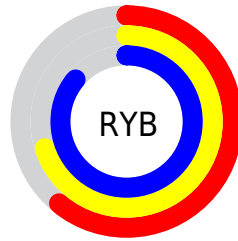
The Yxy color **50.3223, 0.2677, 0.2956** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.9444, 0.3673, 0.3601**, and the grayscale version is **48.3798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9684, 0.2869, 0.3227**, and **24.3201, 0.2560, 0.2872** is the 20% darker color. If you saturate the color by 10%, you get **44.4528, 0.2521, 0.2818**, and if you desaturate by 10%, it is **56.8347, 0.2835, 0.3083**.

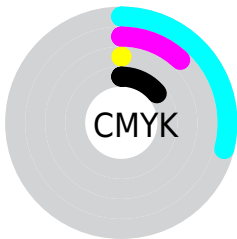
Distribution



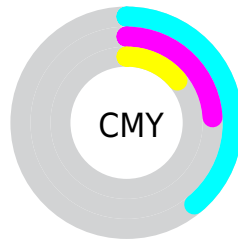
- Red (61%)
- Green (76%)
- Blue (86%)



- Red (61%)
- Yellow (70%)
- Blue (86%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (39%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3223, 0.2677, 0.2956 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 50.3223, 0.2677, 0.2956 by changing the saturation by 10% instead.

■ 50.3223, 0.2677,
0.2956

■ 50.3223, 0.2677,
0.2956

■ 387.9250, 0.2896,
0.3122

■ 35.6696, 0.2624,
0.2915

■ 90.6522, 0.2755,
0.3016

■ 24.1791, 0.2558,
0.2863

■ 117.0982, 0.2785,
0.3038

■ 15.4665, 0.2472,
0.2795

■ 148.2440, 0.2810,
0.3058

■ 9.1475, 0.2356,
0.2701

■ 184.4741, 0.2832,
0.3074

■ 4.8375, 0.2191,
0.2565

■ 226.1729, 0.2851,
0.3088

■ 2.1522, 0.1942,
0.2352

■ 273.7247, 0.2868,

■ 0.6938, 0.1434,

0.3101

0.1974

327.5139, 0.2883,
0.3112

0.0000, 0.0000,
0.0000

50.3223, 0.2677,
0.2956

50.3223, 0.2677,
0.2956

44.4528, 0.2521,
0.2818

56.8347, 0.2835,
0.3083

39.1946, 0.2372,
0.2671

64.0077, 0.2992,
0.3198

34.5220, 0.2233,
0.2515

71.8657, 0.3146,
0.3302

30.4049, 0.2109,
0.2355

80.4301, 0.3294,
0.3395

26.8090, 0.2004,
0.2194

87.6663, 0.3362,
0.3481

■ 23.6951, 0.1920,
0.2034

■ 93.0762, 0.3350,
0.3568

■ 21.0047, 0.1858,
0.1880

■ 97.8956, 0.3339,
0.3641

■ 20.6912, 0.1850,
0.1861

Harmonies

Analogous

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



50.3223, 0.2669, 0.3127



50.3223, 0.2677, 0.2956



50.3223, 0.2800, 0.2880

Triad

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



50.3223, 0.2677, 0.2956



50.3223, 0.3485, 0.3212



50.3223, 0.3227, 0.3710

Complementary

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



50.3223, 0.2677, 0.2956



50.9444, 0.3673, 0.3601

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.



50.3223, 0.3454, 0.3718



50.3223, 0.2677, 0.2956



50.3223, 0.3608, 0.3422

Square

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



50.3223, 0.2677, 0.2956



50.3223, 0.3264, 0.3028



50.3223, 0.3596, 0.3608



50.3223, 0.2980, 0.3575

Rectangle

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



50.3223, 0.2677, 0.2956



50.3223, 0.2934, 0.2888



50.3223, 0.3596, 0.3608



50.3223, 0.3309, 0.3727

Sweetspot

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



50.3243, 0.2677, 0.2956



90.0025, 0.2987, 0.3195



61.0907, 0.2934, 0.3779



18.9344, 0.2964, 0.3179



0.0000, 0.0000, 0.0000



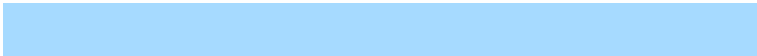
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3243, 0.2677, 0.2956



65.5067, 0.2575, 0.2867



38.1439, 0.2633, 0.2544



13.8806, 0.2982, 0.3191



12.4870, 0.1857, 0.1884



0.9773, 0.1927, 0.2136

Inverse Universe

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



42.7009, 0.3395, 0.2857



53.5100, 0.3476, 0.2755



64.9136, 0.3578, 0.3940



13.1791, 0.3201, 0.3154



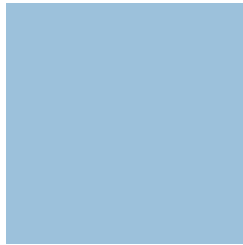
9.8843, 0.4587, 0.2300



0.6574, 0.4302, 0.2143

Previews

White Background



This preview shows how the Yxy color 50.3223, 0.2677, 0.2956 looks on a white background.

Color Contrast Check

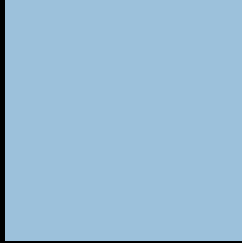
Large Text (above 18pt) WCAG AA × Fail

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 50.3223, 0.2677, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

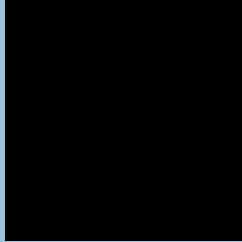
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

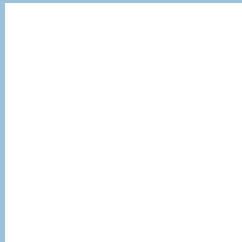
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3223, 0.2677, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 50.3223, 0.2677, 0.2956.



This preview shows how white text looks on a background with the Yxy color 50.3223, 0.2677, 0.2956.

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

50.3223, 0.2677, 0.2956

Protanopia

50.0914, 0.2889, 0.2933

Deuteranopia

50.0346, 0.2900, 0.2833



Tritanopia

50.1067, 0.2720, 0.3080

Trichromacy



Original Color

50.3223, 0.2677, 0.2956

Protanomaly

50.2373, 0.2810, 0.2952

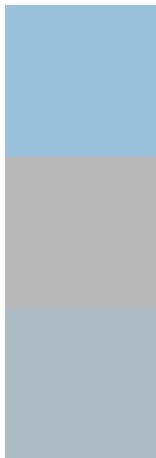
Deuteranomaly

50.1729, 0.2818, 0.2883

Tritanomaly

50.3562, 0.2708, 0.3043

Monochromacy



Original Color

50.3223, 0.2677, 0.2956

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.9963, 0.2948, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3223, 0.2677, 0.2956 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(156, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(156, 193, 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(156, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 193, 219) }
```

Border

The CSS property to change the border of an element to Yxy 50.3223, 0.2677, 0.2956 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(156, 193, 219) }
```

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

```
.border{ border-color:rgb(156, 193, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 193, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(156, 193,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3223, 0.2677, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 193, 219) }
```

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

```
.background{ background-color: rgb(156,  
193, 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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