

Converting Colors

$Yxy(45.3968, 0.2632, 0.2870)$

Have a look what the booklet for
Yxy(45.3968, 0.2632, 0.2870)
contains.

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Color

Yxy(45.4832, 0.2634, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	94B8D7
RGB	148, 184, 215
RGB Percent	58%, 72%, 84%
CMY	0.4198, 0.2784, 0.1568
CMYK	0.31, 0.14, 0.00, 0.16
HSL	208°, 46%, 71%
HSV	208°, 31%, 84%
XYZ	41.6126, 45.4832, 70.8868
YIQ	176.7700, -31.4070, 2.0090

Conversions

Conversions Part 2

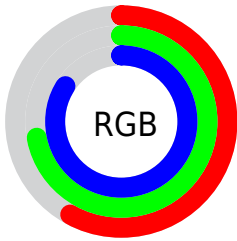
Format	Color
RYB	148, 171, 215
Decimal	9746647
CIELab	73.21, -4.86, -19.53
CIELCh	73, 20.126, 256.033
Yxy	45.4832, 0.2634, 0.2879
Android (android.graphics.Color)	4287936727 (0xFF94B8D7)
YUV	176.7700, 18.8474, -25.2313
Hunter-Lab	67.4412, -7.8840, -15.1103

Details

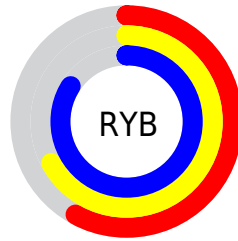
The Yxy color **45.4832, 0.2634, 0.2879** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.8044, 0.3718, 0.3667**, and the grayscale version is **43.7471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2367, 0.2811, 0.3131**, and **21.2036, 0.2500, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **39.6782, 0.2475, 0.2721**, and if you desaturate by 10%, it is **51.9543, 0.2795, 0.3025**.

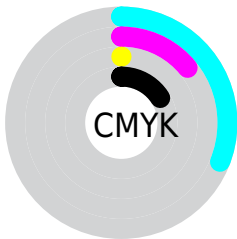
Distribution



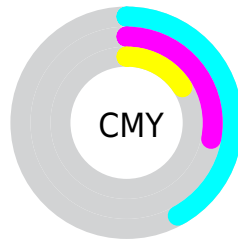
- Red (58%)
- Green (72%)
- Blue (84%)



- Red (58%)
- Yellow (67%)
- Blue (84%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4832, 0.2634, 0.2879 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 45.4832, 0.2634, 0.2879 by changing the saturation by 10% instead.

■ 45.4832, 0.2634,
0.2879

■ 45.4832, 0.2634,
0.2879

368.7270, 0.2877,
0.3085

■ 31.8382, 0.2575,
0.2828

■ 83.4450, 0.2722,
0.2954

■ 21.2379, 0.2499,
0.2762

■ 108.5306, 0.2755,
0.2982

■ 13.2980, 0.2400,
0.2675

138.1986, 0.2783,
0.3006

■ 7.6341, 0.2265,
0.2555

172.8333, 0.2807,
0.3026

■ 3.8617, 0.2072,
0.2380

212.8190, 0.2828,
0.3044

■ 1.5965, 0.1776,
0.2103

258.5403, 0.2847,

■ 0.3552, 0.0855,

0.3059

0.1387

310.3815, 0.2863,
0.3073

0.0000, 0.0000,
0.0000

45.4832, 0.2634,
0.2879

45.4832, 0.2634,
0.2879

39.6782, 0.2475,
0.2721

51.9543, 0.2795,
0.3025

34.5072, 0.2321,
0.2552

59.1109, 0.2954,
0.3157

29.9434, 0.2179,
0.2376

66.9781, 0.3109,
0.3277

25.9551, 0.2052,
0.2195

75.5780, 0.3258,
0.3383

22.5068, 0.1945,
0.2014

84.8459, 0.3395,
0.3477

■ 19.5569, 0.1860,
0.1838

■ 90.6551, 0.3380,
0.3573

■ 17.3138, 0.1803,
0.1690

■ 96.7866, 0.3365,
0.3667

■ 97.6872, 0.3363,
0.3681

Harmonies

Analogous

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



45.4832, 0.2596, 0.3052



45.4832, 0.2634, 0.2879



45.4832, 0.2799, 0.2820

Triad

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



45.4832, 0.2634, 0.2879



45.4832, 0.3580, 0.3251



45.4832, 0.3178, 0.3752

Complementary

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



45.4832, 0.2634, 0.2879



48.8044, 0.3718, 0.3667

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.



45.4832, 0.3450, 0.3792



45.4832, 0.2634, 0.2879



45.4832, 0.3690, 0.3488

Square

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



45.4832, 0.2634, 0.2879



45.4832, 0.3344, 0.3032



45.4832, 0.3640, 0.3688



45.4832, 0.2901, 0.3569

Rectangle

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



45.4832, 0.2634, 0.2879



45.4832, 0.2963, 0.2846



45.4832, 0.3640, 0.3688



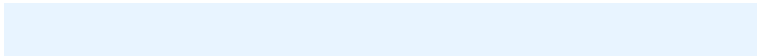
45.4832, 0.3273, 0.3782

Sweetspot

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



45.4850, 0.2634, 0.2879



89.3219, 0.2987, 0.3184



58.1198, 0.2898, 0.3781



18.7667, 0.2964, 0.3165



0.0000, 0.0000, 0.0000



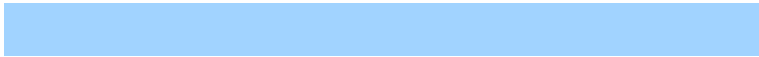
21.4041, 0.3127, 0.3290

Same Dimension

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



45.4850, 0.2634, 0.2879



61.5435, 0.2535, 0.2783



33.4267, 0.2581, 0.2424



13.1038, 0.2982, 0.3180



10.5683, 0.1810, 0.1715



0.8023, 0.1892, 0.2010

Inverse Universe

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



39.0730, 0.3456, 0.2857



51.3503, 0.3545, 0.2770



63.5050, 0.3606, 0.4030



12.5314, 0.3208, 0.3165



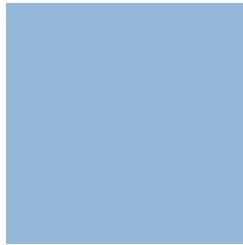
9.4117, 0.4788, 0.2411



0.5843, 0.4442, 0.2220

Previews

White Background



This preview shows how the Yxy color 45.4832, 0.2634, 0.2879 looks on a white background.

Color Contrast Check

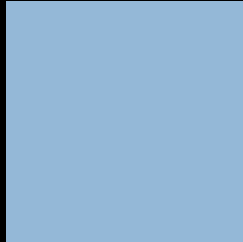
Large Text (above 18pt) WCAG AA × Fail

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 45.4832, 0.2634, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

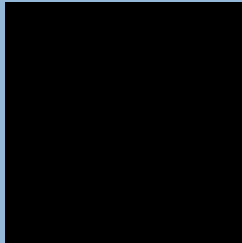
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

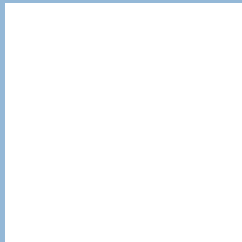
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4832, 0.2634, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 45.4832, 0.2634, 0.2879.



This preview shows how white text looks on a background with the Yxy color 45.4832, 0.2634, 0.2879.

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

45.4832, 0.2634, 0.2879

Protanopia

45.4282, 0.2836, 0.2868

Deuteranopia

45.1347, 0.2831, 0.2764



Tritanopia

45.3546, 0.2705, 0.3084

Trichromacy



Original Color

45.4832, 0.2634, 0.2879

Protanomaly

45.2885, 0.2762, 0.2875

Deuteranomaly

45.0141, 0.2756, 0.2803

Tritanomaly

45.2651, 0.2679, 0.3005

Monochromacy



Original Color

45.4832, 0.2634, 0.2879

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.5111, 0.2926, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4832, 0.2634, 0.2879 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(148, 184, 215)` looks like.

```
.text, #text, p{  
    color:rgb(148, 184, 215)  
}
```

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(148, 184, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 184, 215) }
```

Border

The CSS property to change the border of an element to Yxy 45.4832, 0.2634, 0.2879 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(148, 184, 215) }
```

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

```
.border{ border-color:rgb(148, 184, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 184, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 184, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 184, 215);  
box-shadow:4px 4px 4px 4px rgb(148, 184,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4832, 0.2634, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 184, 215) }
```

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

```
.background{ background-color: rgb(148,  
184, 215) }
```

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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