

Converting Colors

$Yxy(39.1477, 0.2632, 0.2702)$

Have a look what the booklet for
Yxy(39.1477, 0.2632, 0.2702)
contains.

Yxy(39.0546, 0.2628, 0.2694)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0546, 0.2628, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	94A8D4
RGB	148, 168, 212
RGB Percent	58%, 66%, 83%
CMY	0.4196, 0.3412, 0.1686
CMYK	0.30, 0.21, 0.00, 0.17
HSL	221°, 43%, 71%
HSV	221°, 30%, 83%
XYZ	38.0978, 39.0546, 67.8164
YIQ	167.0360, -26.0440, 9.4440

Conversions

Conversions Part 2

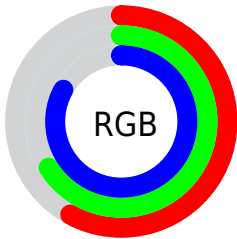
Format	Color
R _Y B	148, 163, 212
Decimal	9742548
CIE Lab	68.79, 3.18, -24.61
CIE LCh	69, 24.814, 277.364
Yxy	39.0546, 0.2628, 0.2694
Android (android.graphics.Color)	4287932628 (0xFF94A8D4)
YUV	167.0360, 22.1673, -16.6946
Hunter-Lab	62.4937, -0.5456, -20.5943

Details

The Yxy color **39.0546, 0.2628, 0.2694** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.8293, 0.3645, 0.3821**, and the grayscale version is **38.5619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6919, 0.2799, 0.2946**, and **17.3580, 0.2480, 0.2524** is the 20% darker color. If you saturate the color by 10%, you get **32.1744, 0.2447, 0.2455**, and if you desaturate by 10%, it is **46.9029, 0.2803, 0.2913**.

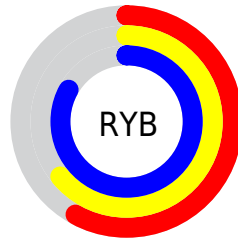
Distribution



Red (58%)

Green (66%)

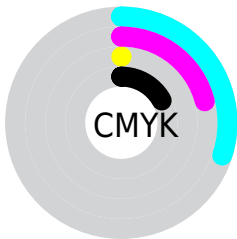
Blue (83%)



Red (58%)

Yellow (64%)

Blue (83%)

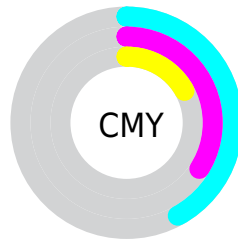


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (34%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0546, 0.2628, 0.2694 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 39.0546, 0.2628, 0.2694 by changing the saturation by 10% instead.

■ 39.0546, 0.2628,
0.2694

■ 39.0546, 0.2628,
0.2694

342.1226, 0.2881,
0.2994

■ 26.8022, 0.2564,
0.2619

■ 73.7217, 0.2721,
0.2803

■ 17.4247, 0.2482,
0.2524

■ 96.9052, 0.2755,
0.2844

■ 10.5378, 0.2373,
0.2398

124.5013, 0.2785,
0.2878

■ 5.7569, 0.2221,
0.2225

156.8942, 0.2810,
0.2908

■ 2.6979, 0.1998,
0.1974

194.4683, 0.2831,
0.2934

■ 0.9761, 0.1648,
0.1588

237.6082, 0.2850,

■ 0.0000, 0.0000,

0.2956

0.0000

286.6982, 0.2867,
0.2976

■ 39.0546, 0.2628,
0.2694

■ 39.0546, 0.2628,
0.2694

■ 32.1744, 0.2447,
0.2455

■ 46.9029, 0.2803,
0.2913

■ 26.2180, 0.2266,
0.2201

■ 55.7519, 0.2970,
0.3111

■ 21.1445, 0.2091,
0.1938

■ 65.6381, 0.3124,
0.3287

■ 16.9076, 0.1931,
0.1675

■ 76.5949, 0.3267,
0.3442

■ 13.4562, 0.1795,
0.1426

■ 88.6542, 0.3397,
0.3578

■ 10.7323, 0.1689,
0.1201

■ 97.5334, 0.3382,
0.3711

■ 8.6826, 0.1615,
0.1012

Harmonies

Analogous

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



39.0546, 0.2464, 0.2807



39.0546, 0.2628, 0.2694



39.0546, 0.2928, 0.2729

Triad

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



39.0546, 0.2628, 0.2694



39.0546, 0.3839, 0.3450



39.0546, 0.2930, 0.3743

Complementary

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



39.0546, 0.2628, 0.2694



53.8293, 0.3645, 0.3821

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.



39.0546, 0.3295, 0.3933



39.0546, 0.2628, 0.2694



39.0546, 0.3832, 0.3731

Square

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



39.0546, 0.2628, 0.2694



39.0546, 0.3640, 0.3150



39.0546, 0.3628, 0.3918



39.0546, 0.2629, 0.3410

Rectangle

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



39.0546, 0.2628, 0.2694



39.0546, 0.3173, 0.2826



39.0546, 0.3628, 0.3918



39.0546, 0.3049, 0.3827

Sweetspot

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



39.0561, 0.2628, 0.2694



86.2491, 0.2987, 0.3131



57.1758, 0.2814, 0.3556



18.0115, 0.2963, 0.3104



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.



39.0561, 0.2628, 0.2694



52.6832, 0.2516, 0.2548



33.3775, 0.2693, 0.2435



12.6359, 0.2982, 0.3125



5.5187, 0.1622, 0.1037



0.4792, 0.1719, 0.1388

Inverse Universe

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



38.0026, 0.3589, 0.3044



51.3268, 0.3723, 0.2992



61.5404, 0.3485, 0.4064



12.4841, 0.3242, 0.3217



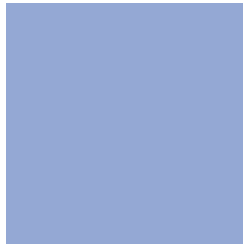
8.9020, 0.5703, 0.2915



0.5517, 0.5208, 0.2642

Previews

White Background



This preview shows how the Yxy color 39.0546, 0.2628, 0.2694 looks on a white background.

Color Contrast Check

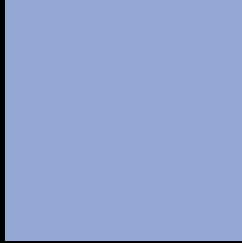
Large Text (above 18pt) WCAG AA × Fail

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 39.0546, 0.2628, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

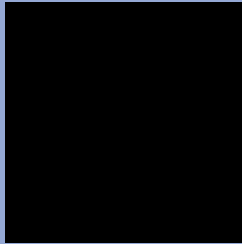
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

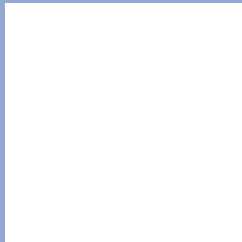
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0546, 0.2628, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 39.0546, 0.2628, 0.2694.



This preview shows how white text looks on a background with the Yxy color 39.0546, 0.2628, 0.2694.

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

39.0546, 0.2628, 0.2694

Protanopia

39.0937, 0.2707, 0.2701

Deuteranopia

38.8286, 0.2707, 0.2642



Tritanopia

39.1831, 0.2768, 0.3102

Trichromacy



Original Color

39.0546, 0.2628, 0.2694

Protanomaly

39.2106, 0.2678, 0.2699

Deuteranomaly

38.7823, 0.2677, 0.2650

Tritanomaly

38.9952, 0.2717, 0.2950

Monochromacy



Original Color

39.0546, 0.2628, 0.2694

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.5299, 0.2933, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0546, 0.2628, 0.2694 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, 168, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 168, 212)  
}
```

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, 168, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 168, 212) }
```

Border

The CSS property to change the border of an element to Yxy 39.0546, 0.2628, 0.2694 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, 168, 212) }
```

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

```
.border{ border-color:rgb(148, 168, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 168, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 168, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 168, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 168,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0546, 0.2628, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 168, 212) }
```

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

```
.background{ background-color: rgb(148,  
168, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor