

Converting Colors

$Yxy(39.3940, 0.2569, 0.2632)$

Have a look what the booklet for
Yxy(39.3940, 0.2569, 0.2632)
contains.

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Color

Yxy(39.4576, 0.2570, 0.2632)

Conversions

Conversions Part 1

Format	Color
Hex	91A9DA
RGB	145, 169, 218
RGB Percent	57%, 66%, 85%
CMY	0.4312, 0.3373, 0.1450
CMYK	0.33, 0.22, 0.00, 0.15
HSL	220°, 50%, 71%
HSV	220°, 33%, 85%
XYZ	38.5281, 39.4576, 71.9292
YIQ	167.4100, -30.0330, 10.1510

Conversions

Conversions Part 2

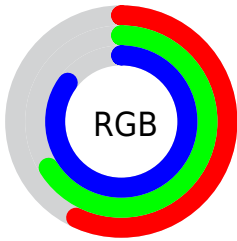
Format	Color
RYB	145, 163, 218
Decimal	9546202
CIELab	69.08, 3.31, -27.49
CIELCh	69, 27.692, 276.866
Yxy	39.4576, 0.2570, 0.2632
Android (android.graphics.Color)	4287736282 (0xFF91A9DA)
YUV	167.4100, 24.9409, -19.6536
Hunter-Lab	62.8153, -0.4427, -23.9217

Details

The Yxy color **39.4576, 0.2570, 0.2632** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.5749, 0.3714, 0.3869**, and the grayscale version is **38.7459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8107, 0.2781, 0.2955**, and **17.6422, 0.2409, 0.2445** is the 20% darker color. If you saturate the color by 10%, you get **32.5156, 0.2390, 0.2393**, and if you desaturate by 10%, it is **47.3935, 0.2747, 0.2853**.

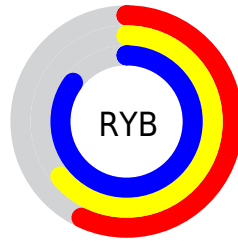
Distribution



Red (57%)

Green (66%)

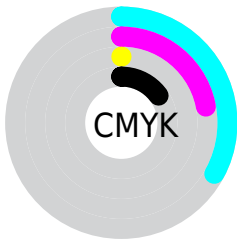
Blue (85%)



Red (57%)

Yellow (64%)

Blue (85%)

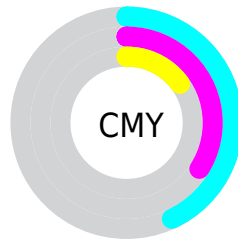


Cyan (33%)

Magenta (22%)

Yellow (0%)

Black (15%)



Cyan (43%)

Magenta (34%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4576, 0.2570, 0.2632 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 39.4576, 0.2570, 0.2632 by changing the saturation by 10% instead.

■ 39.4576, 0.2570,
0.2632

■ 39.4576, 0.2570,
0.2632

343.8321, 0.2852,
0.2961

■ 27.1159, 0.2500,
0.2551

■ 74.3369, 0.2673,
0.2751

■ 17.6603, 0.2410,
0.2447

■ 97.6432, 0.2711,
0.2796

■ 10.7064, 0.2291,
0.2312

125.3732, 0.2743,
0.2834

■ 5.8698, 0.2127,
0.2127

157.9113, 0.2771,
0.2867

■ 2.7660, 0.1891,
0.1864

195.6418, 0.2795,
0.2895

■ 1.0108, 0.1529,
0.1469

238.9492, 0.2816,

■ 0.0000, 0.0000,

0.2920

0.0000

288.2178, 0.2835,
0.2942

■ 39.4576, 0.2570,
0.2632

■ 39.4576, 0.2570,
0.2632

■ 32.5156, 0.2390,
0.2393

■ 47.3935, 0.2747,
0.2853

■ 26.5211, 0.2211,
0.2140

■ 56.3578, 0.2916,
0.3054

■ 21.4303, 0.2042,
0.1881

■ 66.3891, 0.3075,
0.3233

■ 17.1940, 0.1891,
0.1625

■ 77.5225, 0.3222,
0.3391

■ 13.7572, 0.1766,
0.1384

■ 89.7911, 0.3357,
0.3530

■ 11.0567, 0.1671,
0.1170

■ 97.8431, 0.3345,
0.3651

■ 9.6365, 0.1624,
0.1047

Harmonies

Analogous

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



39.4576, 0.2393, 0.2756



39.4576, 0.2570, 0.2632



39.4576, 0.2898, 0.2670

Triad

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



39.4576, 0.2570, 0.2632



39.4576, 0.3918, 0.3457



39.4576, 0.2912, 0.3802

Complementary

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



39.4576, 0.2570, 0.2632



55.5749, 0.3714, 0.3869

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.



39.4576, 0.3317, 0.4011



39.4576, 0.2570, 0.2632



39.4576, 0.3912, 0.3771

Square

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



39.4576, 0.2570, 0.2632



39.4576, 0.3693, 0.3128



39.4576, 0.3686, 0.3985



39.4576, 0.2580, 0.3429

Rectangle

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



39.4576, 0.2570, 0.2632



39.4576, 0.3170, 0.2774



39.4576, 0.3686, 0.3985



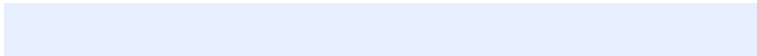
39.4576, 0.3044, 0.3896

Sweetspot

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



39.4591, 0.2570, 0.2632



85.0312, 0.2971, 0.3117



60.0597, 0.2790, 0.3607



17.7770, 0.2948, 0.3090



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.



39.4591, 0.2570, 0.2632



49.3051, 0.2446, 0.2469



32.5185, 0.2625, 0.2324



13.3114, 0.2981, 0.3128



5.9476, 0.1632, 0.1074



0.5398, 0.1723, 0.1403

Inverse Universe

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



38.0389, 0.3648, 0.3003



47.6073, 0.3803, 0.2942



65.3016, 0.3533, 0.4149



13.1216, 0.3240, 0.3214



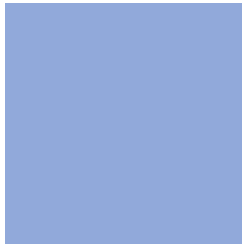
9.2242, 0.5649, 0.2886



0.6132, 0.5186, 0.2631

Previews

White Background



This preview shows how the Yxy color 39.4576, 0.2570, 0.2632 looks on a white background.

Color Contrast Check

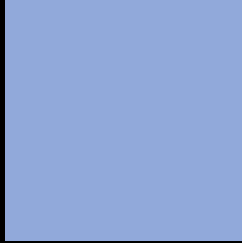
Large Text (above 18pt) WCAG AA × Fail

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 39.4576, 0.2570, 0.2632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

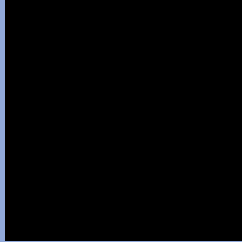
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

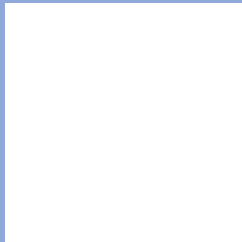
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4576, 0.2570, 0.2632

Background



This preview shows how black text looks on a background with the Yxy color 39.4576, 0.2570, 0.2632.



This preview shows how white text looks on a background with the Yxy color 39.4576, 0.2570, 0.2632.

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

39.4576, 0.2570, 0.2632

Protanopia

39.1989, 0.2651, 0.2627

Deuteranopia

39.2938, 0.2652, 0.2583



Tritanopia

39.3062, 0.2725, 0.3087

Trichromacy



Original Color

39.4576, 0.2570, 0.2632

Protanomaly

39.2265, 0.2616, 0.2624

Deuteranomaly

39.1592, 0.2616, 0.2590

Tritanomaly

39.2913, 0.2669, 0.2909

Monochromacy



Original Color

39.4576, 0.2570, 0.2632

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.9214, 0.2901, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4576, 0.2570, 0.2632 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(145, 169, 218)` looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 218)  
}
```

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(145, 169, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 218) }
```

Border

The CSS property to change the border of an element to Yxy 39.4576, 0.2570, 0.2632 is called "border". The border property can be set on classes, ids or directly on the HTML element.

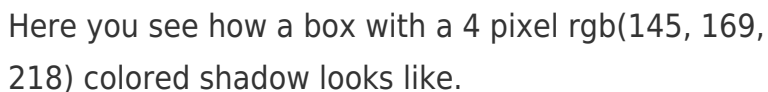
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 169, 218) }
```

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

```
.border{ border-color:rgb(145, 169, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 169, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 169, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 169, 218); box-shadow:4px 4px 4px 4px rgb(145, 169, 218) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.4576, 0.2570, 0.2632$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 218) }
```

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

```
.background{ background-color: rgb(145,  
169, 218) }
```

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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