

Converting Colors

$Yxy(39.5718, 0.2719, 0.2855)$

Have a look what the booklet for
Yxy(39.5718, 0.2719, 0.2855)
contains.

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Color

Yxy(39.4977, 0.2713, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	96AACA
RGB	150, 170, 202
RGB Percent	59%, 67%, 79%
CMY	0.4118, 0.3333, 0.2078
CMYK	0.26, 0.16, 0.00, 0.21
HSL	217°, 33%, 69%
HSV	217°, 26%, 79%
XYZ	37.6122, 39.4977, 61.5271
YIQ	167.6680, -22.1920, 5.7120

Conversions

Conversions Part 2

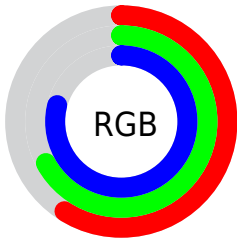
Format	Color
RYB	150, 164, 202
Decimal	9874122
CIELab	69.11, 0.23, -18.61
CIELCh	69, 18.608, 270.710
Yxy	39.4977, 0.2713, 0.2849
Android (android.graphics.Color)	4288064202 (0xFF96AACA)
YUV	167.6680, 16.9257, -15.4948
Hunter-Lab	62.8472, -3.1555, -14.0516

Details

The Yxy color $39.4977, 0.2713, 0.2849$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $48.2146, 0.3570, 0.3694$, and the grayscale version is $38.9104, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.0496, 0.2813, 0.2969$, and $17.6917, 0.2590, 0.2718$ is the 20% darker color. If you saturate the color by 10%, you get $33.3035, 0.2540, 0.2645$, and if you desaturate by 10%, it is $46.4661, 0.2880, 0.3035$.

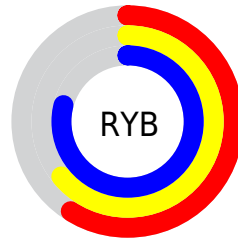
Distribution



Red (59%)

Green (67%)

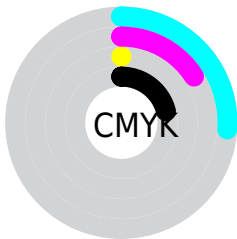
Blue (79%)



Red (59%)

Yellow (64%)

Blue (79%)

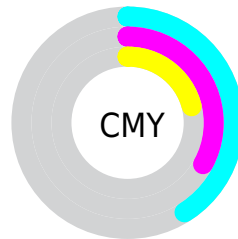


Cyan (26%)

Magenta (16%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (33%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4977, 0.2713, 0.2849 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 39.4977, 0.2713, 0.2849 by changing the saturation by 10% instead.

■ 39.4977, 0.2713,
0.2849

■ 39.4977, 0.2713,
0.2849

344.0019, 0.2923,
0.3073

■ 27.1471, 0.2660,
0.2792

■ 74.3980, 0.2790,
0.2931

■ 17.6837, 0.2591,
0.2719

■ 97.7166, 0.2819,
0.2962

■ 10.7232, 0.2499,
0.2621

125.4599, 0.2843,
0.2988

■ 5.8810, 0.2369,
0.2484

158.0124, 0.2864,
0.3010

■ 2.7729, 0.2176,
0.2279

195.7584, 0.2882,
0.3029

■ 1.0143, 0.1861,
0.1946

239.0824, 0.2897,

■ 0.0000, 0.0000,

0.3045

0.0000

288.3688, 0.2911,
0.3060

■ 39.4977, 0.2713,
0.2849

■ 39.4977, 0.2713,
0.2849

■ 33.3035, 0.2540,
0.2645

■ 46.4661, 0.2880,
0.3035

■ 27.8495, 0.2367,
0.2424

■ 54.2312, 0.3040,
0.3202

■ 23.1062, 0.2198,
0.2192

■ 62.8206, 0.3189,
0.3351

■ 19.0398, 0.2040,
0.1954

■ 72.2591, 0.3328,
0.3482

■ 15.6135, 0.1901,
0.1718

■ 82.5702, 0.3456,
0.3597

■ 12.7857, 0.1786,
0.1493

■ 90.5744, 0.3461,
0.3713

■ 10.5076, 0.1700,
0.1288

■ 97.0450, 0.3442,
0.3810

■ 9.6752, 0.1669,
0.1208

Harmonies

Analogous

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



39.4977, 0.2613, 0.2965



39.4977, 0.2713, 0.2849



39.4977, 0.2923, 0.2848

Triad

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



39.4977, 0.2713, 0.2849



39.4977, 0.3636, 0.3366



39.4977, 0.3042, 0.3665

Complementary

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



39.4977, 0.2713, 0.2849



48.2146, 0.3570, 0.3694

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.



39.4977, 0.3317, 0.3776



39.4977, 0.2713, 0.2849



39.4977, 0.3668, 0.3585

Square

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



39.4977, 0.2713, 0.2849



39.4977, 0.3460, 0.3138



39.4977, 0.3548, 0.3740



39.4977, 0.2797, 0.3440

Rectangle

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



39.4977, 0.2713, 0.2849



39.4977, 0.3102, 0.2907



39.4977, 0.3548, 0.3740



39.4977, 0.3133, 0.3718

Sweetspot

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



39.4993, 0.2713, 0.2849



88.5862, 0.3003, 0.3165



52.0754, 0.2885, 0.3572



18.5236, 0.2979, 0.3140



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.



39.4993, 0.2713, 0.2849



60.7632, 0.2616, 0.2735



33.0609, 0.2731, 0.2571



11.5399, 0.2983, 0.3144



6.3855, 0.1676, 0.1233



0.4753, 0.1786, 0.1630

Inverse Universe

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



37.2697, 0.3463, 0.3036



56.7651, 0.3563, 0.2977



56.2946, 0.3469, 0.3937



11.2839, 0.3231, 0.3201



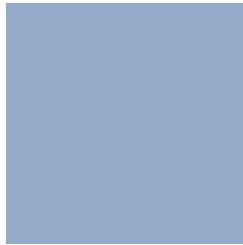
8.4476, 0.5420, 0.2759



0.4505, 0.4893, 0.2469

Previews

White Background



This preview shows how the Yxy color 39.4977, 0.2713, 0.2849 looks on a white background.

Color Contrast Check

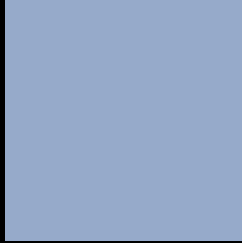
Large Text (above 18pt) WCAG AA × Fail

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 39.4977, 0.2713, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

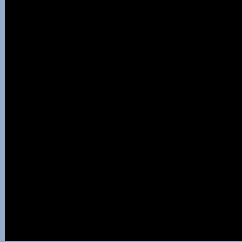
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

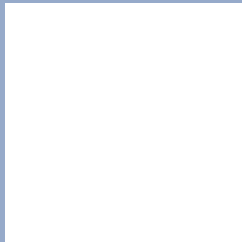
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4977, 0.2713, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 39.4977, 0.2713, 0.2849.



This preview shows how white text looks on a background with the Yxy color 39.4977, 0.2713, 0.2849.

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

39.4977, 0.2713, 0.2849

Protanopia

39.4889, 0.2819, 0.2844

Deuteranopia

39.5469, 0.2845, 0.2786



Tritanopia

39.6354, 0.2807, 0.3104

Trichromacy



Original Color

39.4977, 0.2713, 0.2849

Protanomaly

39.4914, 0.2781, 0.2841

Deuteranomaly

39.5263, 0.2789, 0.2806

Tritanomaly

39.6067, 0.2770, 0.3008

Monochromacy



Original Color

39.4977, 0.2713, 0.2849

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2483, 0.2966, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4977, 0.2713, 0.2849 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(150, 170, 202)` looks like.

```
.text, #text, p{  
    color:rgb(150, 170, 202)  
}
```

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(150, 170, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 170, 202) }
```

Border

The CSS property to change the border of an element to Yxy 39.4977, 0.2713, 0.2849 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(150, 170, 202) }
```

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

```
.border{ border-color:rgb(150, 170, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 170, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 170, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 170, 202);  
box-shadow:4px 4px 4px 4px rgb(150, 170,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4977, 0.2713, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 170, 202) }
```

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

```
.background{ background-color: rgb(150,  
170, 202) }
```

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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