

Converting Colors

Yxy(39.0182, 0.2641, 0.2508)

Have a look what the booklet for
Yxy(39.0182, 0.2641, 0.2508)
contains.

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Color

Yxy(39.0992, 0.2646, 0.2516)

Conversions

Conversions Part 1

Format	Color
Hex	A1A3DF
RGB	161, 163, 223
RGB Percent	63%, 64%, 87%
CMY	0.3685, 0.3608, 0.1255
CMYK	0.28, 0.27, 0.00, 0.13
HSL	238°, 49%, 75%
HSV	238°, 28%, 87%
XYZ	41.1194, 39.0992, 75.1836
YIQ	169.2420, -20.4520, 18.2360

Conversions

Conversions Part 2

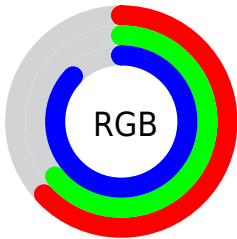
Format	Color
RYB	161, 163, 223
Decimal	10593247
CIELab	68.82, 12.54, -30.53
CIElCh	69, 33.003, 292.334
Yxy	39.0992, 0.2646, 0.2516
Android (android.graphics.Color)	4288783327 (0xFFA1A3DF)
YUV	169.2420, 26.5027, -7.2282
Hunter-Lab	62.5294, 7.9556, -27.5181

Details

The Yxy color **39.0992, 0.2646, 0.2516** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **69.9957, 0.3551, 0.3962**, and the grayscale version is **39.6797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1145, 0.2886, 0.2901**, and **17.3842, 0.2501, 0.2296** is the 20% darker color. If you saturate the color by 10%, you get **29.9608, 0.2441, 0.2182**, and if you desaturate by 10%, it is **49.9634, 0.2836, 0.2823**.

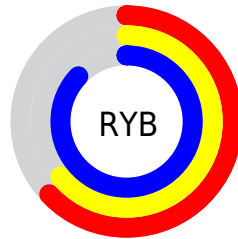
Distribution



Red (63%)

Green (64%)

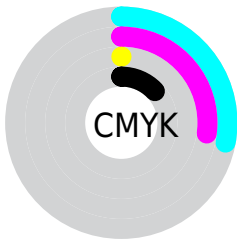
Blue (87%)



Red (63%)

Yellow (64%)

Blue (87%)

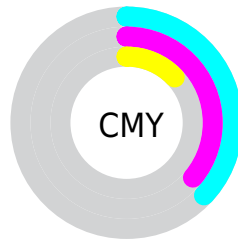


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (37%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0992, 0.2646, 0.2516 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 39.0992, 0.2646, 0.2516 by changing the saturation by 10% instead.

■ 39.0992, 0.2646,
0.2516

■ 39.0992, 0.2646,
0.2516

■ 342.3121, 0.2892,
0.2896

■ 26.8369, 0.2584,
0.2424

■ 73.7898, 0.2736,
0.2652

■ 17.4508, 0.2503,
0.2309

■ 96.9870, 0.2770,
0.2704

■ 10.5564, 0.2397,
0.2159

■ 124.5978, 0.2798,
0.2748

■ 5.7694, 0.2249,
0.1959

■ 157.0068, 0.2823,
0.2786

■ 2.7054, 0.2033,
0.1682

■ 194.5984, 0.2844,
0.2819

■ 0.9799, 0.1699,
0.1282

■ 237.7568, 0.2862,

■ 0.0000, 0.0706,

0.2848

0.0000

286.8666, 0.2878,
0.2873

■ 0.0000, 0.0000,
0.0000

■ 39.0992, 0.2646,
0.2516

■ 39.0992, 0.2646,
0.2516

■ 29.9608, 0.2441,
0.2182

■ 49.9634, 0.2836,
0.2823

■ 22.4552, 0.2228,
0.1834

■ 62.6311, 0.3008,
0.3099

■ 16.4876, 0.2019,
0.1490

■ 77.1805, 0.3159,
0.3341

■ 11.9514, 0.1830,
0.1175

■ 93.6841, 0.3291,
0.3551

■ 8.7267, 0.1676,
0.0915

■ 98.1071, 0.3316,
0.3602

■ 6.6741, 0.1569,
0.0731

■ 5.6175, 0.1513,
0.0629

■ 5.4794, 0.1504,
0.0615

Harmonies

Analogous

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



39.0992, 0.2343, 0.2557



39.0992, 0.2646, 0.2516



39.0992, 0.3098, 0.2650

Triad

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



39.0992, 0.2646, 0.2516



39.0992, 0.4105, 0.3677



39.0992, 0.2647, 0.3689

Complementary

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



39.0992, 0.2646, 0.2516



69.9957, 0.3551, 0.3962

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.



39.0992, 0.3095, 0.4067



39.0992, 0.2646, 0.2516



39.0992, 0.3949, 0.4008

Square

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



39.0992, 0.2646, 0.2516



39.0992, 0.3976, 0.3288



39.0992, 0.3573, 0.4175



39.0992, 0.2341, 0.3200

Rectangle

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



39.0992, 0.2646, 0.2516



39.0992, 0.3434, 0.2820



39.0992, 0.3573, 0.4175



39.0992, 0.2785, 0.3838

Sweetspot

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



39.1007, 0.2646, 0.2516



84.3693, 0.3003, 0.3092



65.5679, 0.2736, 0.3314



17.4692, 0.2978, 0.3052



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.



39.1007, 0.2646, 0.2516



45.9392, 0.2535, 0.2336



41.7735, 0.2876, 0.2540



13.3120, 0.2981, 0.3055



3.2528, 0.1506, 0.0621



0.2502, 0.1523, 0.0681

Inverse Universe

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



43.8357, 0.3713, 0.3269



53.3656, 0.3876, 0.3264



66.8247, 0.3326, 0.4034



13.7075, 0.3287, 0.3283



9.2364, 0.6366, 0.3280



0.6427, 0.6264, 0.3224

Previews

White Background



This preview shows how the Yxy color 39.0992, 0.2646, 0.2516 looks on a white background.

Color Contrast Check

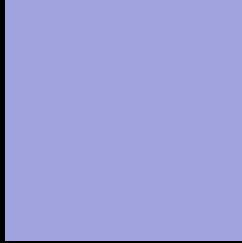
Large Text (above 18pt) WCAG AA × Fail

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 39.0992, 0.2646, 0.2516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

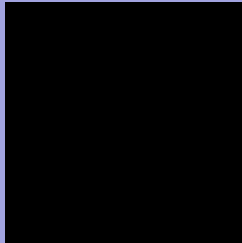
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0992, 0.2646, 0.2516

Background



This preview shows how black text looks on a background with the Yxy color 39.0992, 0.2646, 0.2516.



This preview shows how white text looks on a background with the Yxy color 39.0992, 0.2646, 0.2516.

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

39.0992, 0.2646, 0.2516

Protanopia

39.2880, 0.2564, 0.2519

Deuteranopia

39.1080, 0.2596, 0.2532



Tritanopia

38.9824, 0.2868, 0.3091

Trichromacy



Original Color

39.0992, 0.2646, 0.2516

Protanomaly

39.2606, 0.2597, 0.2522

Deuteranomaly

39.0467, 0.2617, 0.2523

Tritanomaly

38.7826, 0.2785, 0.2864

Monochromacy



Original Color

39.0992, 0.2646, 0.2516

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4185, 0.2937, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0992, 0.2646, 0.2516 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(161, 163, 223)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 223)  
}
```

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(161, 163, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 223) }
```

Border

The CSS property to change the border of an element to Yxy 39.0992, 0.2646, 0.2516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

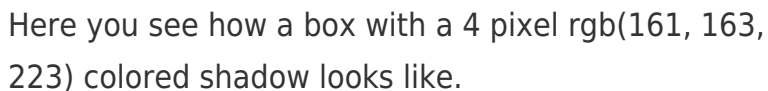
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 163, 223) }
```

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

```
.border{ border-color:rgb(161, 163, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 163, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 163, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 163, 223); box-shadow:4px 4px 4px 4px rgb(161, 163, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0992, 0.2646, 0.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 163, 223) }
```

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

```
.background{ background-color: rgb(161,  
163, 223) }
```

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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