

Converting Colors

$Yxy(39.7968, 0.2771, 0.2862)$

Have a look what the booklet for
Yxy(39.7968, 0.2771, 0.2862)
contains.

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Color

Yxy(39.6609, 0.2766, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	9CA9C9
RGB	156, 169, 201
RGB Percent	61%, 66%, 79%
CMY	0.3882, 0.3372, 0.2119
CMYK	0.22, 0.16, 0.00, 0.21
HSL	223°, 29%, 70%
HSV	223°, 22%, 79%
XYZ	38.4380, 39.6609, 60.8671
YIQ	168.7610, -18.0200, 7.1960

Conversions

Conversions Part 2

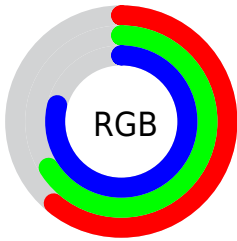
Format	Color
R _Y B	156, 166, 201
Decimal	10267081
CIE Lab	69.23, 2.39, -17.81
CIE LCh	69, 17.971, 277.652
Yxy	39.6609, 0.2766, 0.2854
Android (android.graphics.Color)	4288457161 (0xFF9CA9C9)
YUV	168.7610, 15.8938, -11.1914
Hunter-Lab	62.9769, -1.2620, -13.2199

Details

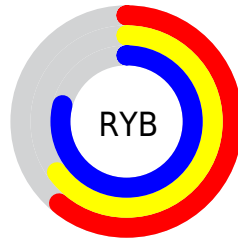
The Yxy color $39.6609, 0.2766, 0.2854$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $50.7647, 0.3494, 0.3691$, and the grayscale version is $39.4791, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.3802, 0.2850, 0.2962$, and $17.7722, 0.2658, 0.2725$ is the 20% darker color. If you saturate the color by 10%, you get $32.7924, 0.2588, 0.2623$, and if you desaturate by 10%, it is $47.4450, 0.2935, 0.3063$.

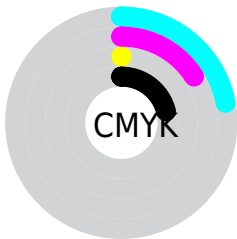
Distribution



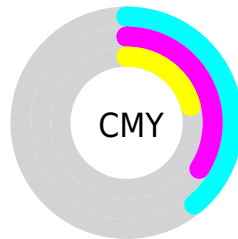
- Red (61%)
- Green (66%)
- Blue (79%)



- Red (61%)
- Yellow (65%)
- Blue (79%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6609, 0.2766, 0.2854 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 39.6609, 0.2766, 0.2854 by changing the saturation by 10% instead.

■ 39.6609, 0.2766,
0.2854

■ 39.6609, 0.2766,
0.2854

■ 344.6922, 0.2950,
0.3075

■ 27.2743, 0.2719,
0.2798

■ 74.6469, 0.2834,
0.2935

■ 17.7793, 0.2658,
0.2727

■ 98.0150, 0.2859,
0.2965

■ 10.7917, 0.2577,
0.2631

■ 125.8124, 0.2880,
0.2990

■ 5.9269, 0.2462,
0.2497

■ 158.4234, 0.2898,
0.3012

■ 2.8007, 0.2289,
0.2298

■ 196.2325, 0.2914,
0.3031

■ 1.0286, 0.2004,
0.1975

■ 239.6241, 0.2927,

■ 0.0000, 0.0000,

0.3047

0.0000

288.9826, 0.2939,
0.3062

■ 39.6609, 0.2766,
0.2854

■ 39.6609, 0.2766,
0.2854

■ 32.7924, 0.2588,
0.2623

■ 47.4450, 0.2935,
0.3063

■ 26.7998, 0.2405,
0.2373

■ 56.1729, 0.3092,
0.3249

■ 21.6476, 0.2222,
0.2108

■ 65.8773, 0.3236,
0.3413

■ 17.2956, 0.2047,
0.1838

■ 76.5881, 0.3367,
0.3558

■ 13.7000, 0.1889,
0.1571

■ 88.0502, 0.3476,
0.3685

■ 10.8125, 0.1757,
0.1323

■ 96.8149, 0.3449,
0.3818

■ 8.5777, 0.1657,
0.1104

■ 96.9955, 0.3448,
0.3821

■ 7.2536, 0.1601,
0.0963

Harmonies

Analogous

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



39.6609, 0.2642, 0.2941



39.6609, 0.2766, 0.2854



39.6609, 0.2988, 0.2878

Triad

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



39.6609, 0.2766, 0.2854



39.6609, 0.3638, 0.3416



39.6609, 0.2985, 0.3609

Complementary

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



39.6609, 0.2766, 0.2854



50.7647, 0.3494, 0.3691

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.



39.6609, 0.3250, 0.3745



39.6609, 0.2766, 0.2854



39.6609, 0.3634, 0.3618

Square

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



39.6609, 0.2766, 0.2854



39.6609, 0.3498, 0.3193



39.6609, 0.3489, 0.3744



39.6609, 0.2765, 0.3376

Rectangle

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



39.6609, 0.2766, 0.2854



39.6609, 0.3166, 0.2950



39.6609, 0.3489, 0.3744



39.6609, 0.3072, 0.3668

Sweetspot

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



39.6625, 0.2766, 0.2854



88.9406, 0.3019, 0.3164



52.4349, 0.2885, 0.3469



18.8412, 0.3009, 0.3152



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.



39.6625, 0.2766, 0.2854



61.8499, 0.2678, 0.2741



35.9928, 0.2829, 0.2684



10.7789, 0.2983, 0.3121



4.7003, 0.1608, 0.0987



0.3497, 0.1727, 0.1418

Inverse Universe

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



39.0562, 0.3451, 0.3125



60.9002, 0.3545, 0.3085



55.3618, 0.3386, 0.3857



10.6866, 0.3245, 0.3223



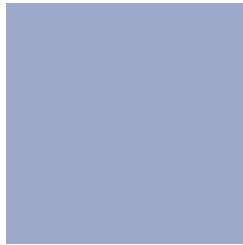
8.0145, 0.5778, 0.2956



0.3923, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 39.6609, 0.2766, 0.2854 looks on a white background.

Color Contrast Check

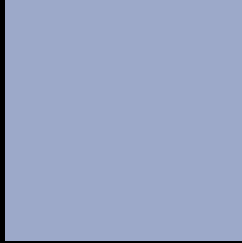
Large Text (above 18pt) WCAG AA × Fail

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 39.6609, 0.2766, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

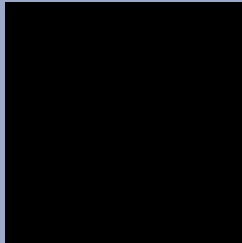
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6609, 0.2766, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 39.6609, 0.2766, 0.2854.



This preview shows how white text looks on a background with the Yxy color 39.6609, 0.2766, 0.2854.

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

39.6609, 0.2766, 0.2854

Protanopia

39.4889, 0.2819, 0.2844

Deuteranopia

39.6096, 0.2861, 0.2800



Tritanopia

39.7801, 0.2861, 0.3106

Trichromacy



Original Color

39.6609, 0.2766, 0.2854

Protanomaly

39.6490, 0.2804, 0.2856

Deuteranomaly

39.4292, 0.2820, 0.2808

Tritanomaly

39.7574, 0.2824, 0.3011

Monochromacy



Original Color

39.6609, 0.2766, 0.2854

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6046, 0.2984, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6609, 0.2766, 0.2854 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(156, 169, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 169, 201)  
}
```

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(156, 169, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 169, 201) }
```

Border

The CSS property to change the border of an element to Yxy 39.6609, 0.2766, 0.2854 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(156, 169, 201) }
```

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

```
.border{ border-color:rgb(156, 169, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 169, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 169, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 169, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 169,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6609, 0.2766, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 169, 201) }
```

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

```
.background{ background-color: rgb(156,  
169, 201) }
```

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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