

Converting Colors

$Yxy(39.6972, 0.2681, 0.2660)$

Have a look what the booklet for
Yxy(39.6972, 0.2681, 0.2660)
contains.

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Color

Yxy(39.8128, 0.2682, 0.2657)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9EA7D7 |
| RGB | 158, 167, 215 |
| RGB Percent | 62%, 65%, 84% |
| CMY | 0.3803, 0.3451, 0.1569 |
| CMYK | 0.26, 0.22, 0.00, 0.16 |
| HSL | 231°, 42%, 73% |
| HSV | 231°, 26%, 84% |
| XYZ | 40.1874, 39.8128, 69.8410 |
| YIQ | 169.7810, -20.7720, 13.0200 |

Conversions

Conversions Part 2

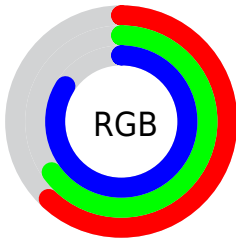
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 158, 166, 215 |
| Decimal | 10397655 |
| CIE Lab | 69.34, 7.45, -25.35 |
| CIE LCh | 69, 26.424, 286.378 |
| Yxy | 39.8128, 0.2682, 0.2657 |
| Android (android.graphics.Color) | 4288587735 (0xFF9EA7D7) |
| YUV | 169.7810, 22.2930, -10.3319 |
| Hunter-Lab | 63.0974, 3.2681, -21.4585 |

Details

The Yxy color $39.8128, 0.2682, 0.2657$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $61.0638, 0.3550, 0.3852$, and the grayscale version is $39.9815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.6087, 0.2861, 0.2941$, and $17.8028, 0.2548, 0.2478$ is the 20% darker color. If you saturate the color by 10%, you get $31.6425, 0.2489, 0.2370$, and if you desaturate by 10%, it is $49.2973, 0.2863, 0.2919$.

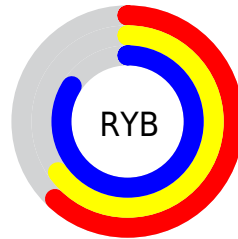
Distribution



Red (62%)

Green (65%)

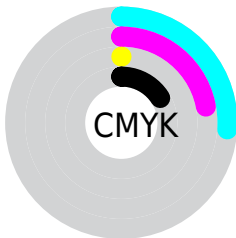
Blue (84%)



Red (62%)

Yellow (65%)

Blue (84%)

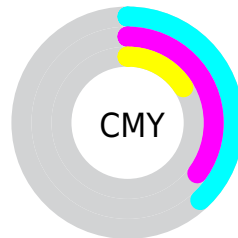


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8128, 0.2682, 0.2657 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 39.8128, 0.2682, 0.2657 by changing the saturation by 10% instead.

■ 39.8128, 0.2682,
0.2657

■ 39.8128, 0.2682,
0.2657

■ 345.3339, 0.2909,
0.2972

■ 27.3926, 0.2625,
0.2580

■ 74.8784, 0.2765,
0.2770

■ 17.8683, 0.2551,
0.2482

■ 98.2925, 0.2796,
0.2813

■ 10.8555, 0.2452,
0.2353

■ 126.1402, 0.2822,
0.2850

■ 5.9697, 0.2316,
0.2177

■ 158.8056, 0.2845,
0.2881

■ 2.8267, 0.2114,
0.1927

■ 196.6734, 0.2864,
0.2908

■ 1.0419, 0.1795,
0.1549

■ 240.1277, 0.2881,

■ 0.0000, 0.0559,

0.2932

0.0000

289.5531, 0.2896,
0.2953

0.0000, 0.0000,
0.0000

39.8128, 0.2682,
0.2657

39.8128, 0.2682,
0.2657

31.6425, 0.2489,
0.2370

49.2973, 0.2863,
0.2919

24.7233, 0.2290,
0.2065

60.1457, 0.3028,
0.3153

18.9940, 0.2093,
0.1752

72.4112, 0.3178,
0.3359

14.3864, 0.1910,
0.1447

86.1426, 0.3311,
0.3539

10.8250, 0.1752,
0.1170

97.6852, 0.3364,
0.3681

■ 8.2247, 0.1632,
0.0939

■ 6.4848, 0.1554,
0.0768

■ 6.0398, 0.1534,
0.0722

Harmonies

Analogous

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



39.8128, 0.2462, 0.2727



39.8128, 0.2682, 0.2657



39.8128, 0.3030, 0.2738

Triad

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



39.8128, 0.2682, 0.2657



39.8128, 0.3903, 0.3551



39.8128, 0.2811, 0.3675

Complementary

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



39.8128, 0.2682, 0.2657



61.0638, 0.3550, 0.3852

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.



39.8128, 0.3186, 0.3934



39.8128, 0.2682, 0.2657



39.8128, 0.3827, 0.3829

Square

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



39.8128, 0.2682, 0.2657



39.8128, 0.3754, 0.3234



39.8128, 0.3559, 0.3982



39.8128, 0.2532, 0.3300

Rectangle

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



39.8128, 0.2682, 0.2657



39.8128, 0.3295, 0.2864



39.8128, 0.3559, 0.3982



39.8128, 0.2929, 0.3781

Sweetspot

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



39.8144, 0.2682, 0.2657



85.8531, 0.3003, 0.3118



60.2937, 0.2798, 0.3409



17.8392, 0.2979, 0.3083



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.



39.8144, 0.2682, 0.2657



51.3701, 0.2571, 0.2493



38.7200, 0.2826, 0.2567



12.3212, 0.2982, 0.3087



3.7134, 0.1539, 0.0740



0.3251, 0.1616, 0.1017

Inverse Universe

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



41.6995, 0.3604, 0.3182



54.8563, 0.3750, 0.3157



62.7949, 0.3375, 0.3982



12.4524, 0.3267, 0.3254



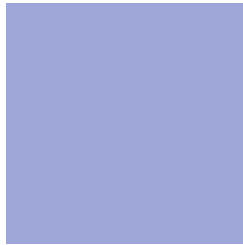
8.7197, 0.6167, 0.3171



0.5361, 0.5733, 0.2932

Previews

White Background



This preview shows how the Yxy color 39.8128, 0.2682, 0.2657 looks on a white background.

Color Contrast Check

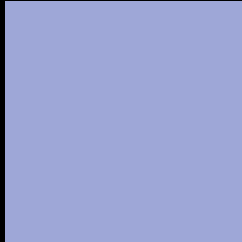
Large Text (above 18pt) WCAG AA × Fail

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 39.8128, 0.2682, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

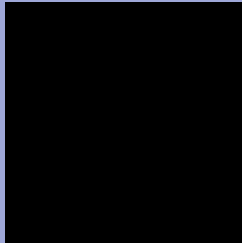
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8128, 0.2682, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 39.8128, 0.2682, 0.2657.



This preview shows how white text looks on a background with the Yxy color 39.8128, 0.2682, 0.2657.

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

39.8128, 0.2682, 0.2657

Protanopia

39.7118, 0.2674, 0.2655

Deuteranopia

39.7558, 0.2703, 0.2647



Tritanopia

39.7256, 0.2846, 0.3092

Trichromacy



Original Color

39.8128, 0.2682, 0.2657

Protanomaly

39.7118, 0.2674, 0.2655

Deuteranomaly

39.6523, 0.2696, 0.2646

Tritanomaly

39.6507, 0.2780, 0.2917

Monochromacy



Original Color

39.8128, 0.2682, 0.2657

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0281, 0.2961, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8128, 0.2682, 0.2657 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(158, 167, 215)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 215)  
}
```

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(158, 167, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 215) }
```

Border

The CSS property to change the border of an element to Yxy 39.8128, 0.2682, 0.2657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

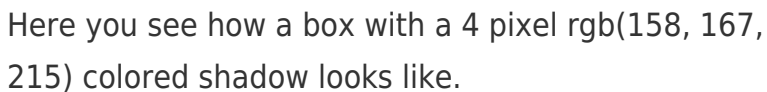
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 167, 215) }
```

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

```
.border{ border-color:rgb(158, 167, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 167, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 167, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 167, 215);  
box-shadow:4px 4px 4px 4px rgb(158, 167,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8128, 0.2682, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 215) }
```

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

```
.background{ background-color: rgb(158,  
167, 215) }
```

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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