

Converting Colors

$Yxy(39.3347, 0.2574, 0.2526)$

Have a look what the booklet for
Yxy(39.3347, 0.2574, 0.2526)
contains.

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Color

Yxy(39.3297, 0.2577, 0.2531)

Conversions

Conversions Part 1

Format	Color
Hex	98A6E0
RGB	152, 166, 224
RGB Percent	60%, 65%, 88%
CMY	0.4038, 0.3490, 0.1215
CMYK	0.32, 0.26, 0.00, 0.12
HSL	228°, 54%, 74%
HSV	228°, 32%, 88%
XYZ	40.0445, 39.3297, 76.0177
YIQ	168.4260, -26.9620, 15.0700

Conversions

Conversions Part 2

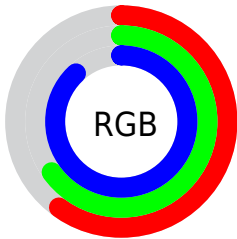
Format	Color
R _Y B	152, 164, 224
Decimal	10004192
CIE Lab	68.99, 8.50, -30.89
CIE LCh	69, 32.040, 285.384
Yxy	39.3297, 0.2577, 0.2531
Android (android.graphics.Color)	4288194272 (0xFF98A6E0)
YUV	168.4260, 27.3980, -14.4056
Hunter-Lab	62.7134, 4.2295, -27.9687

Details

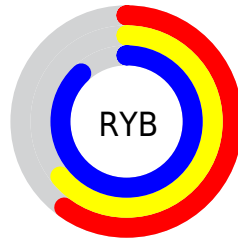
The Yxy color **39.3297, 0.2577, 0.2531** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.2358, 0.3656, 0.3948**, and the grayscale version is **39.2533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3428, 0.2829, 0.2927**, and **17.5518, 0.2416, 0.2314** is the 20% darker color. If you saturate the color by 10%, you get **31.2601, 0.2383, 0.2245**, and if you desaturate by 10%, it is **48.7320, 0.2763, 0.2796**.

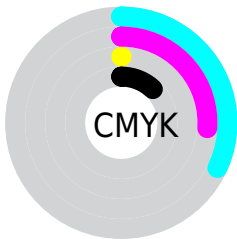
Distribution



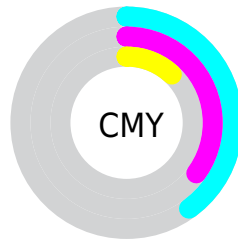
- Red (60%)
- Green (65%)
- Blue (88%)



- Red (60%)
- Yellow (64%)
- Blue (88%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (35%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3297, 0.2577, 0.2531 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 39.3297, 0.2577, 0.2531 by changing the saturation by 10% instead.

■ 39.3297, 0.2577,
0.2531

■ 39.3297, 0.2577,
0.2531

■ 343.2902, 0.2856,
0.2906

■ 27.0163, 0.2507,
0.2440

■ 74.1417, 0.2679,
0.2665

■ 17.5855, 0.2418,
0.2326

■ 97.4091, 0.2717,
0.2716

■ 10.6528, 0.2300,
0.2177

■ 125.0967, 0.2749,
0.2760

■ 5.8339, 0.2137,
0.1977

■ 157.5888, 0.2777,
0.2797

■ 2.7443, 0.1904,
0.1699

■ 195.2698, 0.2801,
0.2829

■ 0.9998, 0.1549,
0.1298

■ 238.5241, 0.2821,

■ 0.0000, 0.0391,

0.2858

0.0000

287.7361, 0.2840,
0.2883

0.0000, 0.0000,
0.0000

39.3297, 0.2577,
0.2531

39.3297, 0.2577,
0.2531

31.2601, 0.2383,
0.2245

48.7320, 0.2763,
0.2796

24.4574, 0.2188,
0.1944

59.5197, 0.2936,
0.3035

18.8571, 0.2000,
0.1643

71.7480, 0.3095,
0.3248

14.3866, 0.1833,
0.1356

85.4678, 0.3238,
0.3435

10.9653, 0.1696,
0.1101

98.1631, 0.3309,
0.3591

■ 8.5008, 0.1598,
0.0894

■ 7.1460, 0.1548,
0.0771

Harmonies

Analogous

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



39.3297, 0.2324, 0.2614



39.3297, 0.2577, 0.2531



39.3297, 0.2990, 0.2624

Triad

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



39.3297, 0.2577, 0.2531



39.3297, 0.4071, 0.3582



39.3297, 0.2754, 0.3777

Complementary

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



39.3297, 0.2577, 0.2531



64.2358, 0.3656, 0.3948

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.



39.3297, 0.3207, 0.4092



39.3297, 0.2577, 0.2531



39.3297, 0.3982, 0.3924

Square

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



39.3297, 0.2577, 0.2531



39.3297, 0.3881, 0.3203



39.3297, 0.3659, 0.4131



39.3297, 0.2417, 0.3312

Rectangle

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



39.3297, 0.2577, 0.2531



39.3297, 0.3312, 0.2770



39.3297, 0.3659, 0.4131



39.3297, 0.2897, 0.3908

Sweetspot

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



39.3312, 0.2577, 0.2531



83.0622, 0.2971, 0.3081



64.6356, 0.2748, 0.3469



17.3034, 0.2947, 0.3050



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.



39.3312, 0.2577, 0.2531



44.8455, 0.2439, 0.2328



36.8014, 0.2726, 0.2385



13.6718, 0.2981, 0.3095



4.2853, 0.1553, 0.0792



0.4213, 0.1629, 0.1064

Inverse Universe

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



41.0671, 0.3720, 0.3126



47.9755, 0.3914, 0.3089



68.2071, 0.3445, 0.4136



13.7438, 0.3262, 0.3245



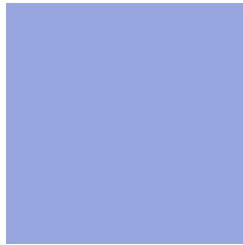
9.3406, 0.6083, 0.3125



0.6600, 0.5663, 0.2893

Previews

White Background



This preview shows how the Yxy color 39.3297, 0.2577, 0.2531 looks on a white background.

Color Contrast Check

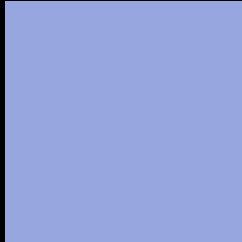
Large Text (above 18pt) WCAG AA × Fail

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 39.3297, 0.2577, 0.2531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

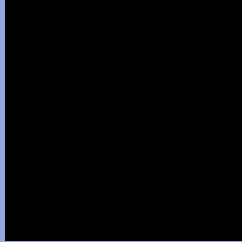
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3297, 0.2577, 0.2531

Background



This preview shows how black text looks on a background with the Yxy color 39.3297, 0.2577, 0.2531.



This preview shows how white text looks on a background with the Yxy color 39.3297, 0.2577, 0.2531.

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

39.3297, 0.2577, 0.2531

Protanopia

39.3297, 0.2577, 0.2531

Deuteranopia

39.4266, 0.2584, 0.2533



Tritanopia

39.4043, 0.2776, 0.3089

Trichromacy



Original Color

39.3297, 0.2577, 0.2531

Protanomaly

39.3297, 0.2577, 0.2531

Deuteranomaly

39.4266, 0.2584, 0.2533

Tritanomaly

39.1226, 0.2704, 0.2872

Monochromacy



Original Color

39.3297, 0.2577, 0.2531

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9497, 0.2911, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3297, 0.2577, 0.2531 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(152, 166, 224)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 224)  
}
```

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(152, 166, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 224) }
```

Border

The CSS property to change the border of an element to Yxy 39.3297, 0.2577, 0.2531 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(152, 166, 224) }
```

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

```
.border{ border-color:rgb(152, 166, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 224);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3297, 0.2577, 0.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 224) }
```

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

```
.background{ background-color: rgb(152,  
166, 224) }
```

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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