

Converting Colors

$Yxy(38.5939, 0.2602, 0.2464)$

Have a look what the booklet for
Yxy(38.5939, 0.2602, 0.2464)
contains.

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Color

Yxy(38.6007, 0.2602, 0.2465)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9EA2E2 |
| RGB | 158, 162, 226 |
| RGB Percent | 62%, 64%, 89% |
| CMY | 0.3804, 0.3647, 0.1138 |
| CMYK | 0.30, 0.28, 0.00, 0.11 |
| HSL | 236°, 54%, 75% |
| HSV | 236°, 30%, 89% |
| XYZ | 40.7461, 38.6007, 77.2484 |
| YIQ | 168.1000, -22.9280, 19.0560 |

Conversions

Conversions Part 2

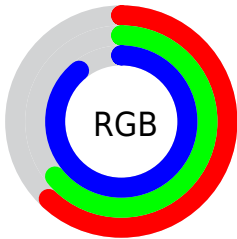
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 158, 162, 226 |
| Decimal | 10396386 |
| CIE Lab | 68.46, 12.95, -32.75 |
| CIE LCh | 68, 35.223, 291.577 |
| Yxy | 38.6007, 0.2602, 0.2465 |
| Android (android.graphics.Color) | 4288586466 (0xFF9EA2E2) |
| YUV | 168.1000, 28.5447, -8.8577 |
| Hunter-Lab | 62.1295, 8.3382, -30.2273 |

Details

The Yxy color **38.6007, 0.2602, 0.2465** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **70.8675, 0.3592, 0.4000**, and the grayscale version is **39.0755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1418, 0.2866, 0.2888**, and **17.2744, 0.2456, 0.2261** is the 20% darker color. If you saturate the color by 10%, you get **29.6479, 0.2396, 0.2136**, and if you desaturate by 10%, it is **49.2447, 0.2795, 0.2770**.

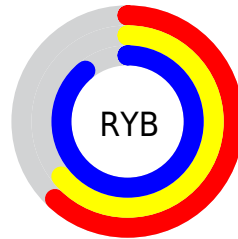
Distribution



Red (62%)

Green (64%)

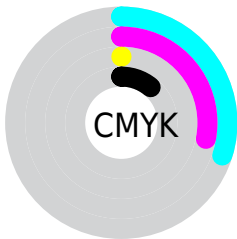
Blue (89%)



Red (62%)

Yellow (64%)

Blue (89%)

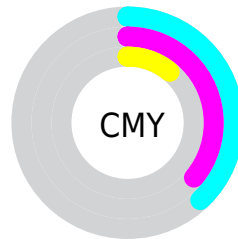


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (38%)


Magenta (36%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6007, 0.2602, 0.2465 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 38.6007, 0.2602, 0.2465 by changing the saturation by 10% instead.


 38.6007, 0.2602,
0.2465

 38.6007, 0.2602,
0.2465


340.1898, 0.2871,
0.2869

 26.4492, 0.2534,
0.2368


 73.0279, 0.2700,
0.2609

 17.1600, 0.2447,
0.2246


 96.0725, 0.2737,
0.2664

 10.3486, 0.2332,
0.2088

123.5169, 0.2768,
0.2711

 5.6307, 0.2173,
0.1879

155.7454, 0.2795,
0.2752

 2.6219, 0.1943,
0.1591

193.1426, 0.2817,
0.2787

 0.9377, 0.1592,
0.1183

236.0928, 0.2837,

 0.0000, 0.0558,

0.2818

0.0000

284.9804, 0.2855,
0.2845

0.0000, 0.0000,
0.0000

38.6007, 0.2602,
0.2465

38.6007, 0.2602,
0.2465

29.6479, 0.2396,
0.2136

49.2447, 0.2795,
0.2770

22.2950, 0.2186,
0.1794

61.6561, 0.2970,
0.3045

16.4489, 0.1982,
0.1459

75.9116, 0.3126,
0.3288

12.0051, 0.1801,
0.1154

92.0824, 0.3263,
0.3499

8.8458, 0.1656,
0.0904

98.2706, 0.3298,
0.3572

■ 6.8336, 0.1559,
0.0727

■ 5.7871, 0.1508,
0.0629

Harmonies

Analogous

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



38.6007, 0.2286, 0.2511



38.6007, 0.2602, 0.2465



38.6007, 0.3081, 0.2604

Triad

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



38.6007, 0.2602, 0.2465



38.6007, 0.4175, 0.3687



38.6007, 0.2623, 0.3731

Complementary

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



38.6007, 0.2602, 0.2465



70.8675, 0.3592, 0.4000

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.



38.6007, 0.3103, 0.4135



38.6007, 0.2602, 0.2465



38.6007, 0.4013, 0.4047

Square

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



38.6007, 0.2602, 0.2465



38.6007, 0.4030, 0.3274



38.6007, 0.3613, 0.4238



38.6007, 0.2294, 0.3203

Rectangle

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



38.6007, 0.2602, 0.2465



38.6007, 0.3441, 0.2782



38.6007, 0.3613, 0.4238



38.6007, 0.2771, 0.3891

Sweetspot

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



38.6022, 0.2602, 0.2465



82.8912, 0.2987, 0.3072



66.9020, 0.2719, 0.3344



17.1907, 0.2963, 0.3034



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.



38.6022, 0.2602, 0.2465



43.2615, 0.2477, 0.2265



40.5652, 0.2831, 0.2467



13.3724, 0.2981, 0.3062



3.3581, 0.1511, 0.0639



0.2792, 0.1542, 0.0750

Inverse Universe

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



43.2281, 0.3761, 0.3245



50.3757, 0.3950, 0.3235



68.6634, 0.3358, 0.4098



13.7136, 0.3283, 0.3277



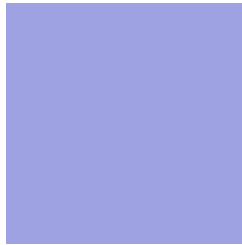
9.2470, 0.6335, 0.3264



0.6456, 0.6150, 0.3162

Previews

White Background



This preview shows how the Yxy color 38.6007, 0.2602, 0.2465 looks on a white background.

Color Contrast Check

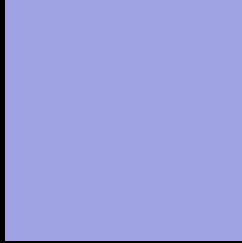
Large Text (above 18pt) WCAG AA × Fail

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 38.6007, 0.2602, 0.2465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

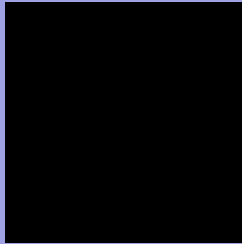
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6007, 0.2602, 0.2465

Background



This preview shows how black text looks on a background with the Yxy color 38.6007, 0.2602, 0.2465.



This preview shows how white text looks on a background with the Yxy color 38.6007, 0.2602, 0.2465.

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

38.6007, 0.2602, 0.2465

Protanopia

38.8076, 0.2522, 0.2467

Deuteranopia

38.4712, 0.2553, 0.2490



Tritanopia

38.5997, 0.2835, 0.3089

Trichromacy



Original Color

38.6007, 0.2602, 0.2465

Protanomaly

38.7724, 0.2555, 0.2471

Deuteranomaly

38.4029, 0.2573, 0.2481

Tritanomaly

38.4364, 0.2746, 0.2847

Monochromacy



Original Color

38.6007, 0.2602, 0.2465

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.8391, 0.2920, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6007, 0.2602, 0.2465 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, 162, 226)` looks like.

```
.text, #text, p{  
    color:rgb(158, 162, 226)  
}
```

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, 162, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 162, 226) }
```

Border

The CSS property to change the border of an element to Yxy 38.6007, 0.2602, 0.2465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

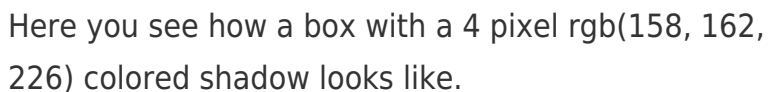
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 162, 226) }
```

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

```
.border{ border-color:rgb(158, 162, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 162, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 162, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 162, 226); box-shadow:4px 4px 4px 4px rgb(158, 162, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6007, 0.2602, 0.2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 162, 226) }
```

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

```
.background{ background-color: rgb(158,  
162, 226) }
```

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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