

Converting Colors

$Yxy(38.0952, 0.2487, 0.2483)$

Have a look what the booklet for
Yxy(38.0952, 0.2487, 0.2483)
contains.

Yxy(38.0640, 0.2486, 0.2479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.0640, 0.2486, 0.2479)

Conversions

Conversions Part 1

Format	Color
Hex	8DA5E2
RGB	141, 165, 226
RGB Percent	55%, 65%, 89%
CMY	0.4470, 0.3530, 0.1136
CMYK	0.38, 0.27, 0.00, 0.11
HSL	223°, 59%, 72%
HSV	223°, 38%, 89%
XYZ	38.1715, 38.0640, 77.3103
YIQ	164.7780, -33.8850, 13.8830

Conversions

Conversions Part 2

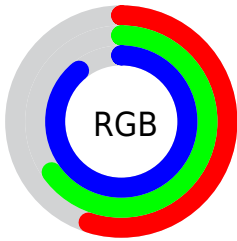
Format	Color
RYB	141, 160, 226
Decimal	9283042
CIELab	68.07, 6.53, -33.48
CIElCh	68, 34.112, 281.044
Yxy	38.0640, 0.2486, 0.2479
Android (android.graphics.Color)	4287473122 (0xFF8DA5E2)
YUV	164.7780, 30.1824, -20.8533
Hunter-Lab	61.6960, 2.4703, -31.1081

Details

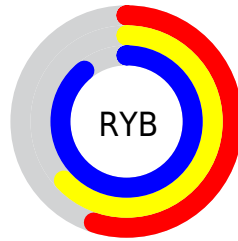
The Yxy color **38.0640, 0.2486, 0.2479** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.3607, 0.3783, 0.3984**, and the grayscale version is **37.3818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2767, 0.2759, 0.2909**, and **16.7388, 0.2304, 0.2256** is the 20% darker color. If you saturate the color by 10%, you get **30.7951, 0.2300, 0.2215**, and if you desaturate by 10%, it is **46.4828, 0.2669, 0.2725**.

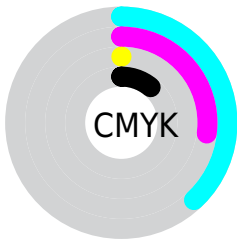
Distribution



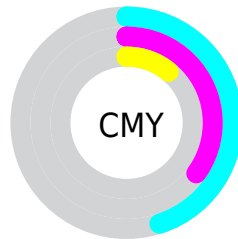
- Red (55%)
- Green (65%)
- Blue (89%)



- Red (55%)
- Yellow (63%)
- Blue (89%)



- Cyan (38%)
- Magenta (27%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0640, 0.2486, 0.2479 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 38.0640, 0.2486, 0.2479 by changing the saturation by 10% instead.

■ 38.0640, 0.2486,
0.2479

■ 38.0640, 0.2486,
0.2479

■ 337.8944, 0.2811,
0.2881

■ 26.0324, 0.2405,
0.2381

■ 72.2062, 0.2604,
0.2623

■ 16.8479, 0.2302,
0.2258

■ 95.0856, 0.2648,
0.2678

■ 10.1261, 0.2167,
0.2098

■ 122.3497, 0.2686,
0.2725

■ 5.4826, 0.1982,
0.1884

■ 154.3829, 0.2718,
0.2765

■ 2.5331, 0.1720,
0.1588

■ 191.5695, 0.2746,
0.2800

■ 0.8932, 0.1333,
0.1168

■ 234.2941, 0.2770,

■ 0.0000, 0.0000,

0.2830

0.0000

282.9409, 0.2792,
0.2857

■ 38.0640, 0.2486,
0.2479

■ 38.0640, 0.2486,
0.2479

■ 30.7951, 0.2300,
0.2215

■ 46.4828, 0.2669,
0.2725

■ 24.6193, 0.2118,
0.1942

■ 56.0961, 0.2845,
0.2950

■ 19.4811, 0.1950,
0.1668

■ 66.9513, 0.3010,
0.3152

■ 15.3179, 0.1804,
0.1407

■ 79.0918, 0.3162,
0.3331

■ 12.0591, 0.1689,
0.1173

■ 92.5590, 0.3301,
0.3488

■ 9.6181, 0.1609,
0.0977

■ 98.2728, 0.3297,
0.3571

■ 9.1335, 0.1593,
0.0936

Harmonies

Analogous

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



38.0640, 0.2246, 0.2594



38.0640, 0.2486, 0.2479



38.0640, 0.2906, 0.2554

Triad

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



38.0640, 0.2486, 0.2479



38.0640, 0.4132, 0.3539



38.0640, 0.2789, 0.3882

Complementary

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



38.0640, 0.2486, 0.2479



60.3607, 0.3783, 0.3984

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.



38.0640, 0.3283, 0.4183



38.0640, 0.2486, 0.2479



38.0640, 0.4077, 0.3919

Square

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



38.0640, 0.2486, 0.2479



38.0640, 0.3888, 0.3138



38.0640, 0.3757, 0.4175



38.0640, 0.2406, 0.3386

Rectangle

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



38.0640, 0.2486, 0.2479



38.0640, 0.3248, 0.2695



38.0640, 0.3757, 0.4175



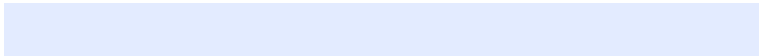
38.0640, 0.2947, 0.4013

Sweetspot

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



38.0654, 0.2486, 0.2479



82.8812, 0.2954, 0.3085



64.3362, 0.2731, 0.3597



17.3190, 0.2932, 0.3057



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.



38.0654, 0.2486, 0.2479



42.5600, 0.2343, 0.2278



31.9606, 0.2582, 0.2193



13.8698, 0.2981, 0.3117



5.3830, 0.1601, 0.0962



0.5224, 0.1685, 0.1266

Inverse Universe

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



37.9433, 0.3784, 0.3010



43.0919, 0.3988, 0.2955



69.6881, 0.3549, 0.4270



13.7638, 0.3248, 0.3224



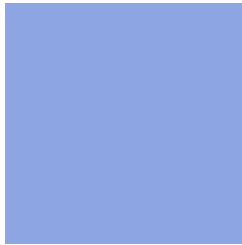
9.4515, 0.5816, 0.2978



0.6702, 0.5374, 0.2734

Previews

White Background



This preview shows how the Yxy color 38.0640, 0.2486, 0.2479 looks on a white background.

Color Contrast Check

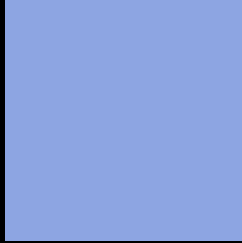
Large Text (above 18pt) WCAG AA × Fail

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 38.0640, 0.2486, 0.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

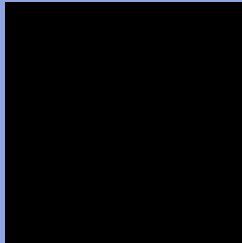
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0640, 0.2486, 0.2479

Background



This preview shows how black text looks on a background with the Yxy color 38.0640, 0.2486, 0.2479.



This preview shows how white text looks on a background with the Yxy color 38.0640, 0.2486, 0.2479.

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

38.0640, 0.2486, 0.2479

Protanopia

37.9265, 0.2537, 0.2473

Deuteranopia

37.8884, 0.2524, 0.2461



Tritanopia

37.8755, 0.2684, 0.3082

Trichromacy



Original Color

38.0640, 0.2486, 0.2479

Protanomaly

38.0069, 0.2518, 0.2483

Deuteranomaly

38.0616, 0.2512, 0.2472

Tritanomaly

37.7439, 0.2607, 0.2834

Monochromacy



Original Color

38.0640, 0.2486, 0.2479

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.5660, 0.2866, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0640, 0.2486, 0.2479 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(141, 165, 226)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 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(141, 165, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 226) }
```

Border

The CSS property to change the border of an element to Yxy 38.0640, 0.2486, 0.2479 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(141, 165, 226) }
```

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

```
.border{ border-color:rgb(141, 165, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 165, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 165, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 165, 226);  
box-shadow:4px 4px 4px 4px rgb(141, 165,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0640, 0.2486, 0.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 165, 226) }
```

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

```
.background{ background-color: rgb(141,  
165, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor