

Converting Colors

$Yxy(40.9487, 0.2472, 0.2262)$

Have a look what the booklet for
Yxy(40.9487, 0.2472, 0.2262)
contains.

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Color

Yxy(41.1207, 0.2476, 0.2270)

Conversions

Conversions Part 1

Format	Color
Hex	9FA5F9
RGB	159, 165, 249
RGB Percent	62%, 65%, 98%
CMY	0.3764, 0.3529, 0.0236
CMYK	0.36, 0.34, 0.00, 0.02
HSL	236°, 88%, 80%
HSV	236°, 36%, 98%
XYZ	44.8524, 41.1207, 95.1754
YIQ	172.7820, -30.5400, 24.8520

Conversions

Conversions Part 2

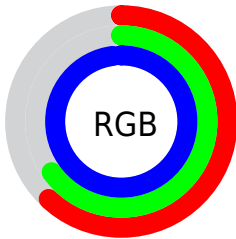
Format	Color
R _Y B	159, 165, 249
Decimal	10462713
CIE Lab	70.26, 17.46, -42.50
CIE LCh	70, 45.949, 292.331
Yxy	41.1207, 0.2476, 0.2270
Android (android.graphics.Color)	4288652793 (0xFF9FA5F9)
YUV	172.7820, 37.5755, -12.0868
Hunter-Lab	64.1254, 12.6319, -43.1108

Details

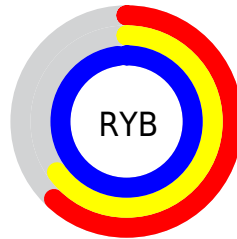
The Yxy color **41.1207, 0.2476, 0.2270** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **86.7421, 0.3691, 0.4139**, and the grayscale version is **41.4920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0053, 0.2880, 0.2922**, and **18.5591, 0.2296, 0.2017** is the 20% darker color. If you saturate the color by 10%, you get **31.1907, 0.2266, 0.1932**, and if you desaturate by 10%, it is **53.0902, 0.2678, 0.2591**.

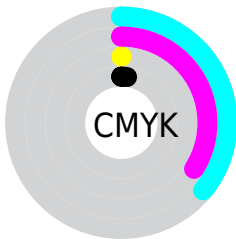
Distribution



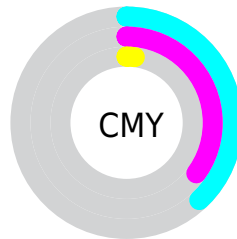
- Red (62%)
- Green (65%)
- Blue (98%)



- Red (62%)
- Yellow (65%)
- Blue (98%)



- Cyan (36%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1207, 0.2476, 0.2270 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 41.1207, 0.2476, 0.2270 by changing the saturation by 10% instead.

41.1207, 0.2476,
0.2270

41.1207, 0.2476,
0.2270

350.8248, 0.2803,
0.2755

28.4134, 0.2396,
0.2158

76.8671, 0.2594,
0.2439

18.6375, 0.2295,
0.2021

100.6750, 0.2639,
0.2505

11.4087, 0.2164,
0.1849

128.9518, 0.2676,
0.2561

6.3424, 0.1990,
0.1627

162.0821, 0.2709,
0.2610

3.0544, 0.1749,
0.1339

200.4501, 0.2737,
0.2653

1.1602, 0.1406,
0.0962

244.4403, 0.2762,

0.0288, 0.0862,

0.2691

0.0055

294.4371, 0.2784,
0.2725

0.0000, 0.0000,
0.0000

41.1207, 0.2476,
0.2270

41.1207, 0.2476,
0.2270

31.1907, 0.2266,
0.1932

53.0902, 0.2678,
0.2591

23.1819, 0.2058,
0.1592

67.1993, 0.2865,
0.2884

16.9712, 0.1866,
0.1272

83.5470, 0.3033,
0.3146

12.4191, 0.1706,
0.0997

99.6181, 0.3162,
0.3348

9.3657, 0.1590,
0.0789

■ 7.6187, 0.1524,
0.0661

■ 7.2247, 0.1509,
0.0630

Harmonies

Analogous

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



41.1207, 0.2088, 0.2309



41.1207, 0.2476, 0.2270



41.1207, 0.3077, 0.2447

Triad

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



41.1207, 0.2476, 0.2270



41.1207, 0.4459, 0.3771



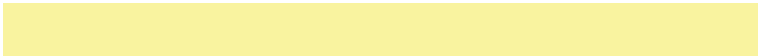
41.1207, 0.2468, 0.3843

Complementary

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



41.1207, 0.2476, 0.2270



86.7421, 0.3691, 0.4139

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.



41.1207, 0.3062, 0.4388



41.1207, 0.2476, 0.2270



41.1207, 0.4227, 0.4234

Square

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



41.1207, 0.2476, 0.2270



41.1207, 0.4293, 0.3264



41.1207, 0.3707, 0.4506



41.1207, 0.2077, 0.3145

Rectangle

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



41.1207, 0.2476, 0.2270



41.1207, 0.3538, 0.2665



41.1207, 0.3707, 0.4506



41.1207, 0.2650, 0.4060

Sweetspot

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



41.1222, 0.2476, 0.2270



79.4779, 0.2953, 0.3022



81.5801, 0.2647, 0.3356



16.5141, 0.2930, 0.2986



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.



41.1222, 0.2476, 0.2270



35.9338, 0.2331, 0.2037



43.6500, 0.2754, 0.2277



16.8280, 0.2979, 0.3061



3.9371, 0.1511, 0.0640



0.4273, 0.1538, 0.0737

Inverse Universe

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



47.6575, 0.3946, 0.3228



43.9057, 0.4186, 0.3217



83.9421, 0.3401, 0.4280



17.2439, 0.3284, 0.3275



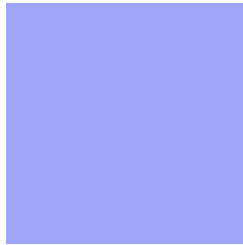
10.8084, 0.6332, 0.3262



1.0074, 0.6172, 0.3173

Previews

White Background



This preview shows how the Yxy color 41.1207, 0.2476, 0.2270 looks on a white background.

Color Contrast Check

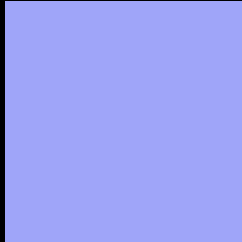
Large Text (above 18pt) WCAG AA × Fail

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 41.1207, 0.2476, 0.2270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

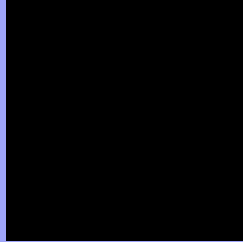
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1207, 0.2476, 0.2270

Background



This preview shows how black text looks on a background with the Yxy color 41.1207, 0.2476, 0.2270.



This preview shows how white text looks on a background with the Yxy color 41.1207, 0.2476, 0.2270.

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

41.1207, 0.2476, 0.2270

Protanopia

41.3335, 0.2372, 0.2266

Deuteranopia

41.1895, 0.2376, 0.2314



Tritanopia

41.3169, 0.2768, 0.3092

Trichromacy



Original Color

41.1207, 0.2476, 0.2270

Protanomaly

41.3599, 0.2406, 0.2271

Deuteranomaly

41.0785, 0.2415, 0.2299

Tritanomaly

41.2199, 0.2658, 0.2767

Monochromacy



Original Color

41.1207, 0.2476, 0.2270

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2913, 0.2863, 0.2879

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1207, 0.2476, 0.2270 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(159, 165, 249)` looks like.

```
.text, #text, p{  
    color:rgb(159, 165, 249)  
}
```

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(159, 165, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 165, 249) }
```

Border

The CSS property to change the border of an element to Yxy 41.1207, 0.2476, 0.2270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

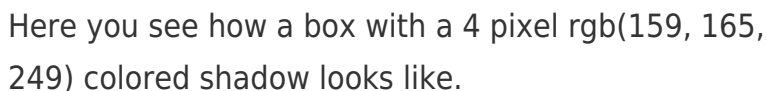
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 165, 249) }
```

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

```
.border{ border-color:rgb(159, 165, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 165, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 165, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 165, 249); box-shadow:4px 4px 4px 4px rgb(159, 165, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1207, 0.2476, 0.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 165, 249) }
```

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

```
.background{ background-color: rgb(159,  
165, 249) }
```

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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