

Converting Colors

$Yxy(39.8418, 0.2363, 0.2282)$

Have a look what the booklet for
Yxy(39.8418, 0.2363, 0.2282)
contains.

Yxy(39.8418, 0.2363, 0.2282)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.8418, 0.2363, 0.2282)

Conversions

Conversions Part 1

Format	Color
Hex	8BA7F7
RGB	139, 167, 247
RGB Percent	55%, 65%, 97%
CMY	0.4548, 0.3451, 0.0315
CMYK	0.44, 0.32, 0.00, 0.03
HSL	224°, 87%, 76%
HSV	224°, 44%, 97%
XYZ	41.2560, 39.8418, 93.4938
YIQ	167.7480, -42.3680, 18.9440

Conversions

Conversions Part 2

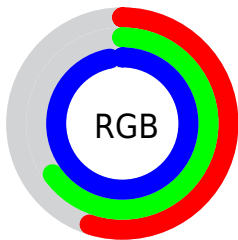
Format	Color
R _Y B	139, 161, 247
Decimal	9152503
CIE Lab	69.36, 10.66, -42.93
CIE LCh	69, 44.232, 283.944
Yxy	39.8418, 0.2363, 0.2282
Android (android.graphics.Color)	4287342583 (0xFF8BA7F7)
YUV	167.7480, 39.0712, -25.2120
Hunter-Lab	63.1204, 6.2084, -43.6360

Details

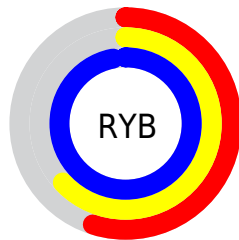
The Yxy color **39.8418, 0.2363, 0.2282** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **72.3077, 0.3896, 0.4121**, and the grayscale version is **38.8524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1983, 0.2755, 0.2930**, and **17.7730, 0.2152, 0.2024** is the 20% darker color. If you saturate the color by 10%, you get **31.7140, 0.2175, 0.2001**, and if you desaturate by 10%, it is **49.4016, 0.2552, 0.2550**.

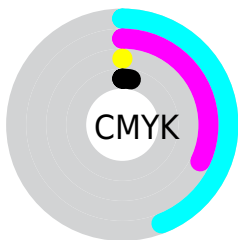
Distribution



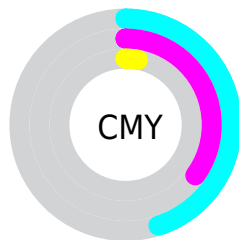
- Red (55%)
- Green (65%)
- Blue (97%)



- Red (55%)
- Yellow (63%)
- Blue (97%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (3%)



- Cyan (45%)
- Magenta (35%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8418, 0.2363, 0.2282 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 39.8418, 0.2363, 0.2282 by changing the saturation by 10% instead.

■ 39.8418, 0.2363,
0.2282

■ 39.8418, 0.2363,
0.2282

■ 345.4563, 0.2744,
0.2768

■ 27.4152, 0.2271,
0.2169

■ 74.9226, 0.2500,
0.2453

■ 17.8853, 0.2155,
0.2028

■ 98.3455, 0.2551,
0.2519

■ 10.8677, 0.2006,
0.1851

■ 126.2027, 0.2596,
0.2575

■ 5.9779, 0.1809,
0.1623

■ 158.8786, 0.2634,
0.2624

■ 2.8317, 0.1541,
0.1324

■ 196.7575, 0.2667,
0.2667

■ 1.0445, 0.1171,
0.0932

■ 240.2238, 0.2695,

■ 0.0000, 0.0406,

0.2705


0.0000


289.6620, 0.2721,
0.2738

 0.0000, 0.0000,
0.0000

 39.8418, 0.2363,
0.2282

 39.8418, 0.2363,
0.2282


 31.7140, 0.2175,
0.2001


 49.4016, 0.2552,
0.2550

 24.9413, 0.1997,
0.1718


 60.4559, 0.2736,
0.2797

 19.4461, 0.1839,
0.1444

 73.0688, 0.2910,
0.3022

 15.1398, 0.1711,
0.1196

 87.2991, 0.3071,
0.3222

 11.9203, 0.1619,
0.0988

 99.4941, 0.3174,
0.3367

■ 10.3784, 0.1578,
0.0880

Harmonies

Analogous

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



39.8418, 0.2050, 0.2387



39.8418, 0.2363, 0.2282



39.8418, 0.2900, 0.2399

Triad

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



39.8418, 0.2363, 0.2282



39.8418, 0.4419, 0.3624



39.8418, 0.2634, 0.4005

Complementary

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



39.8418, 0.2363, 0.2282



72.3077, 0.3896, 0.4121

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.



39.8418, 0.3244, 0.4433



39.8418, 0.2363, 0.2282



39.8418, 0.4297, 0.4098

Square

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



39.8418, 0.2363, 0.2282



39.8418, 0.4146, 0.3132



39.8418, 0.3855, 0.4430



39.8418, 0.2185, 0.3336

Rectangle

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



39.8418, 0.2363, 0.2282



39.8418, 0.3339, 0.2582



39.8418, 0.3855, 0.4430



39.8418, 0.2826, 0.4190

Sweetspot

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



39.8433, 0.2363, 0.2282



79.5632, 0.2921, 0.3036



77.0730, 0.2669, 0.3635



16.3507, 0.2884, 0.2989



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.



39.8433, 0.2363, 0.2282



35.4160, 0.2205, 0.2047



33.1064, 0.2483, 0.1986



16.6245, 0.2979, 0.3109



5.6836, 0.1585, 0.0906



0.6593, 0.1650, 0.1141

Inverse Universe

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



41.0363, 0.3977, 0.2991



37.7033, 0.4236, 0.2941



83.8708, 0.3599, 0.4440



16.5530, 0.3253, 0.3229



10.6731, 0.5903, 0.3025



0.9542, 0.5551, 0.2832

Previews

White Background



This preview shows how the Yxy color 39.8418, 0.2363, 0.2282 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 39.8418, 0.2363, 0.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

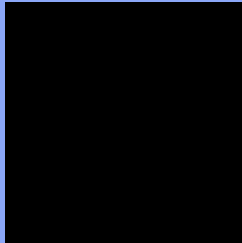
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8418, 0.2363, 0.2282

Background



This preview shows how black text looks on a background with the Yxy color 39.8418, 0.2363, 0.2282.



This preview shows how white text looks on a background with the Yxy color 39.8418, 0.2363, 0.2282.

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

39.8418, 0.2363, 0.2282

Protanopia

39.7659, 0.2390, 0.2285

Deuteranopia

39.9549, 0.2347, 0.2290



Tritanopia

39.9316, 0.2606, 0.3084

Trichromacy



Original Color

39.8418, 0.2363, 0.2282

Protanomaly

39.6770, 0.2384, 0.2283

Deuteranomaly

40.0390, 0.2353, 0.2292

Tritanomaly

39.6927, 0.2508, 0.2760

Monochromacy



Original Color

39.8418, 0.2363, 0.2282

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2046, 0.2802, 0.2892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8418, 0.2363, 0.2282 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(139, 167, 247)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 247)  
}
```

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(139, 167, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 247) }
```

Border

The CSS property to change the border of an element to Yxy 39.8418, 0.2363, 0.2282 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(139, 167, 247) }
```

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

```
.border{ border-color:rgb(139, 167, 247) }
```

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

Here you see how a box with a 4 pixel rgb(139, 167, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 247);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8418, 0.2363, 0.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 247) }
```

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

```
.background{ background-color: rgb(139,  
167, 247) }
```

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