

Converting Colors

$Yxy(39.3303, 0.2266, 0.2235)$

Have a look what the booklet for
Yxy(39.3303, 0.2266, 0.2235)
contains.

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Color

Yxy(39.3303, 0.2266, 0.2235)

Conversions

Conversions Part 1

Format	Color
Hex	7DA8FB
RGB	125, 168, 251
RGB Percent	49%, 66%, 98%
CMY	0.5097, 0.3412, 0.0156
CMYK	0.50, 0.33, 0.00, 0.02
HSL	220°, 94%, 74%
HSV	220°, 50%, 98%
XYZ	39.8758, 39.3303, 96.7684
YIQ	164.6050, -52.2710, 16.6970

Conversions

Conversions Part 2

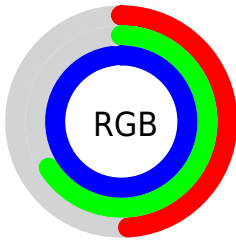
Format	Color
RYB	125, 157, 251
Decimal	8235259
CIELab	68.99, 7.97, -45.75
CIElCh	69, 46.444, 279.882
Yxy	39.3303, 0.2266, 0.2235
Android (android.graphics.Color)	4286425339 (0xFF7DA8FB)
YUV	164.6050, 42.5927, -34.7336
Hunter-Lab	62.7139, 3.7477, -47.5856

Details

The Yxy color **39.3303, 0.2266, 0.2235** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.1224, 0.4076, 0.4142**, and the grayscale version is **37.2418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0626, 0.2679, 0.2934**, and **17.5096, 0.2038, 0.1964** is the 20% darker color. If you saturate the color by 10%, you get **31.9517, 0.2094, 0.1979**, and if you desaturate by 10%, it is **47.9657, 0.2446, 0.2482**.

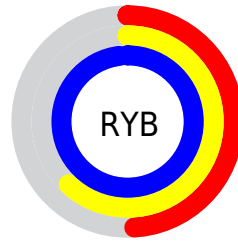
Distribution



Red (49%)

Green (66%)

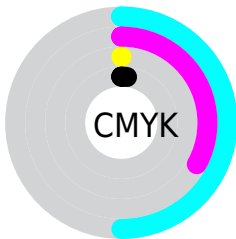
Blue (98%)



Red (49%)

Yellow (62%)

Blue (98%)

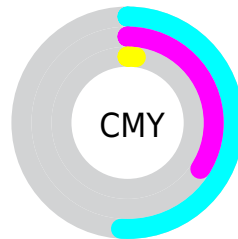


Cyan (50%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (51%)


Magenta (34%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3303, 0.2266, 0.2235 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 39.3303, 0.2266, 0.2235 by changing the saturation by 10% instead.

 39.3303, 0.2266,
0.2235


 39.3303, 0.2266,
0.2235


343.2927, 0.2692,
0.2744


 27.0168, 0.2164,
0.2117


 74.1426, 0.2418,
0.2414

 17.5858, 0.2037,
0.1970


 97.4102, 0.2476,
0.2483

 10.6530, 0.1875,
0.1786


 125.0980, 0.2525,
0.2542

 5.8340, 0.1663,
0.1551

157.5903, 0.2568,
0.2594

 2.7444, 0.1381,
0.1245

195.2715, 0.2605,
0.2638

 0.9998, 0.1004,
0.0853

238.5261, 0.2637,


 0.0000, 0.0174,


0.2678


0.0000

287.7383, 0.2666,
0.2713


 0.0000, 0.0000,
0.0000


 39.3303, 0.2266,
0.2235


 39.3303, 0.2266,
0.2235


 31.9517, 0.2094,
0.1979


 47.9657, 0.2446,
0.2482


 25.7599, 0.1938,
0.1724


 57.9141, 0.2626,
0.2713


 20.6835, 0.1805,
0.1479

 69.2330, 0.2801,
0.2925

 16.6394, 0.1701,
0.1256

 81.9750, 0.2968,
0.3117

 13.5618, 0.1630,
0.1067

 96.1898, 0.3124,
0.3287

99.7460, 0.3150,
0.3328

Harmonies

Analogous

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



39.3303, 0.1975, 0.2375



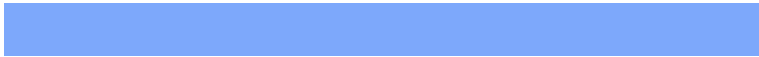
39.3303, 0.2266, 0.2235



39.3303, 0.2798, 0.2329

Triad

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



39.3303, 0.2266, 0.2235



39.3303, 0.4474, 0.3563



39.3303, 0.2685, 0.4132

Complementary

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



39.3303, 0.2266, 0.2235



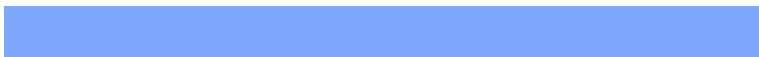
67.1224, 0.4076, 0.4142

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.



39.3303, 0.3336, 0.4527



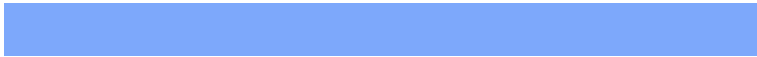
39.3303, 0.2266, 0.2235



39.3303, 0.4396, 0.4069

Square

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



39.3303, 0.2266, 0.2235



39.3303, 0.4133, 0.3055



39.3303, 0.3965, 0.4456



39.3303, 0.2186, 0.3433

Rectangle

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



39.3303, 0.2266, 0.2235



39.3303, 0.3252, 0.2504



39.3303, 0.3965, 0.4456



39.3303, 0.2893, 0.4313

Sweetspot

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



39.3317, 0.2266, 0.2235



78.4145, 0.2889, 0.3027



77.8661, 0.2668, 0.3831



16.1935, 0.2853, 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.



39.3317, 0.2266, 0.2235



33.2189, 0.2096, 0.1983



27.5597, 0.2287, 0.1739



17.6108, 0.2979, 0.3129



7.3696, 0.1638, 0.1097



0.8709, 0.1704, 0.1332

Inverse Universe

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



38.0110, 0.4052, 0.2842



33.1022, 0.4347, 0.2776



87.6601, 0.3730, 0.4572



17.3229, 0.3240, 0.3209



11.1549, 0.5615, 0.2867



1.0521, 0.5282, 0.2684

Previews

White Background



This preview shows how the Yxy color 39.3303, 0.2266, 0.2235 looks on a white background.

Color Contrast Check

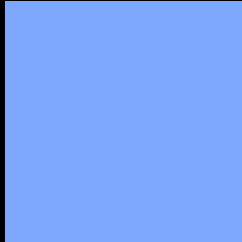
Large Text (above 18pt) WCAG AA × Fail

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 39.3303, 0.2266, 0.2235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

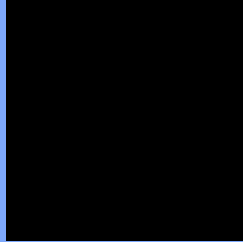
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

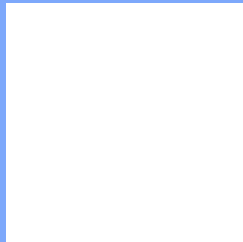
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3303, 0.2266, 0.2235

Background



This preview shows how black text looks on a background with the Yxy color 39.3303, 0.2266, 0.2235.



This preview shows how white text looks on a background with the Yxy color 39.3303, 0.2266, 0.2235.

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

39.3303, 0.2266, 0.2235

Protanopia

39.2630, 0.2359, 0.2248

Deuteranopia

39.3483, 0.2291, 0.2229



Tritanopia

39.2610, 0.2492, 0.3064

Trichromacy



Original Color

39.3303, 0.2266, 0.2235

Protanomaly

39.2629, 0.2327, 0.2243

Deuteranomaly

39.1917, 0.2280, 0.2226

Tritanomaly

39.1436, 0.2403, 0.2724

Monochromacy



Original Color

39.3303, 0.2266, 0.2235

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.7420, 0.2751, 0.2870

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3303, 0.2266, 0.2235 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(125, 168, 251)` looks like.

```
.text, #text, p{  
    color:rgb(125, 168, 251)  
}
```

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(125, 168, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 168, 251) }
```

Border

The CSS property to change the border of an element to Yxy 39.3303, 0.2266, 0.2235 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(125, 168, 251) }
```

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

```
.border{ border-color:rgb(125, 168, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 168, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 168, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 168, 251);  
box-shadow:4px 4px 4px 4px rgb(125, 168,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3303, 0.2266, 0.2235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 168, 251) }
```

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

```
.background{ background-color: rgb(125,  
168, 251) }
```

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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