

Converting Colors

$Yxy(39.6625, 0.2333, 0.2190)$

Have a look what the booklet for
Yxy(39.6625, 0.2333, 0.2190)
contains.

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Color

Yxy(39.7287, 0.2335, 0.2192)

Conversions

Conversions Part 1

Format	Color
Hex	8DA5FE
RGB	141, 165, 254
RGB Percent	55%, 65%, 100%
CMY	0.4473, 0.3529, 0.0040
CMYK	0.45, 0.35, 0.00, 0.00
HSL	227°, 98%, 77%
HSV	227°, 45%, 100%
XYZ	42.3205, 39.7287, 99.1949
YIQ	167.9700, -42.8730, 22.5910

Conversions

Conversions Part 2

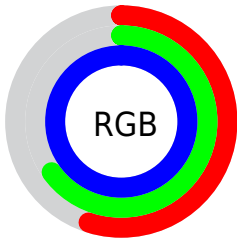
Format	Color
RYB	141, 161, 254
Decimal	9283070
CIELab	69.28, 14.24, -46.86
CIELCh	69, 48.971, 286.900
Yxy	39.7287, 0.2335, 0.2192
Android (android.graphics.Color)	4287473150 (0xFF8DA5FE)
YUV	167.9700, 42.4128, -23.6527
Hunter-Lab	63.0307, 9.5459, -49.1864

Details

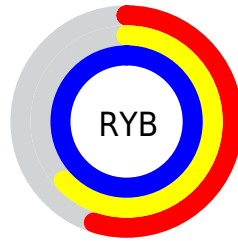
The Yxy color **39.7287, 0.2335, 0.2192** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **79.5399, 0.3889, 0.4184**, and the grayscale version is **38.9429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5485, 0.2772, 0.2910**, and **17.9507, 0.2125, 0.1931** is the 20% darker color. If you saturate the color by 10%, you get **31.0965, 0.2142, 0.1894**, and if you desaturate by 10%, it is **50.0014, 0.2530, 0.2478**.

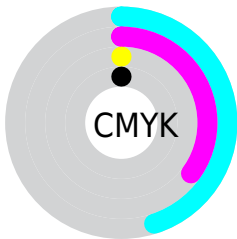
Distribution



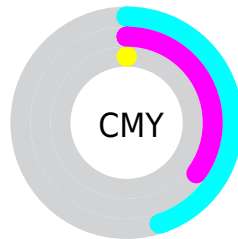
- Red (55%)
- Green (65%)
- Blue (100%)



- Red (55%)
- Yellow (63%)
- Blue (100%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)




- Cyan (45%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7287, 0.2335, 0.2192 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 39.7287, 0.2335, 0.2192 by changing the saturation by 10% instead.


 39.7287, 0.2335,
0.2192

 39.7287, 0.2335,
0.2192


344.9788, 0.2729,
0.2715

 27.3271, 0.2240,
0.2072


 74.7502, 0.2476,
0.2375

 17.8190, 0.2121,
0.1925


 98.1389, 0.2530,
0.2445

 10.8201, 0.1969,
0.1741


125.9587, 0.2576,
0.2506

 5.9460, 0.1769,
0.1507

158.5941, 0.2615,
0.2559

 2.8123, 0.1501,
0.1207

196.4294, 0.2649,
0.2605

 1.0345, 0.1135,
0.0826

239.8490, 0.2679,

 0.0000, 0.0484,

0.2646

0.0000

289.2373, 0.2706,
0.2683

■ 0.0000, 0.0000,
0.0000

■ 39.7287, 0.2335,
0.2192

■ 39.7287, 0.2335,
0.2192

■ 31.0965, 0.2142,
0.1894

■ 50.0014, 0.2530,
0.2478

■ 24.0128, 0.1960,
0.1598

■ 61.9911, 0.2718,
0.2745

■ 18.3829, 0.1800,
0.1318

■ 75.7745, 0.2895,
0.2986

■ 14.0990, 0.1673,
0.1073

■ 91.4225, 0.3059,
0.3201

■ 11.0360, 0.1586,
0.0877

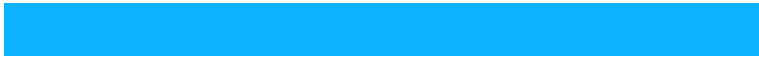
■ 99.9351, 0.3133,
0.3300

■ 9.8011, 0.1554,
0.0793

Harmonies

Analogous

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



39.7287, 0.1972, 0.2275



39.7287, 0.2335, 0.2192



39.7287, 0.2941, 0.2342

Triad

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



39.7287, 0.2335, 0.2192



39.7287, 0.4561, 0.3695



39.7287, 0.2519, 0.4021

Complementary

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



39.7287, 0.2335, 0.2192



79.5399, 0.3889, 0.4184

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.



39.7287, 0.3177, 0.4543



39.7287, 0.2335, 0.2192



39.7287, 0.4376, 0.4211

Square

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



39.7287, 0.2335, 0.2192



39.7287, 0.4305, 0.3160



39.7287, 0.3858, 0.4569



39.7287, 0.2058, 0.3259

Rectangle

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



39.7287, 0.2335, 0.2192



39.7287, 0.3431, 0.2552



39.7287, 0.3858, 0.4569



39.7287, 0.2724, 0.4242

Sweetspot

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



39.7301, 0.2335, 0.2192



78.7140, 0.2921, 0.3020



82.2206, 0.2636, 0.3575



16.1433, 0.2883, 0.2970



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.



39.7301, 0.2335, 0.2192



32.5795, 0.2170, 0.1939



35.0713, 0.2509, 0.1972



18.0045, 0.2979, 0.3097



5.3394, 0.1560, 0.0815



0.6701, 0.1614, 0.1011

Inverse Universe

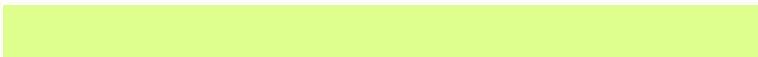
The Inverse Universe completely reimagines the original color for something new.



42.8208, 0.4059, 0.3040



36.8149, 0.4346, 0.3000



88.3226, 0.3568, 0.4479



18.0504, 0.3261, 0.3240



11.2670, 0.6045, 0.3104



1.1122, 0.5742, 0.2937

Previews

White Background



This preview shows how the Yxy color 39.7287, 0.2335, 0.2192 looks on a white background.

Color Contrast Check

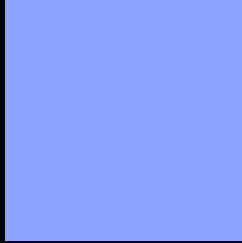
Large Text (above 18pt) WCAG AA × Fail

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 39.7287, 0.2335, 0.2192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

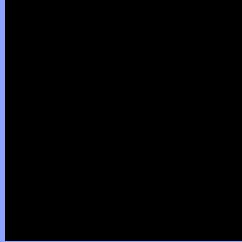
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7287, 0.2335, 0.2192

Background



This preview shows how black text looks on a background with the Yxy color 39.7287, 0.2335, 0.2192.



This preview shows how white text looks on a background with the Yxy color 39.7287, 0.2335, 0.2192.

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

39.7287, 0.2335, 0.2192

Protanopia

39.8957, 0.2315, 0.2190

Deuteranopia

39.8429, 0.2284, 0.2223



Tritanopia

39.9316, 0.2606, 0.3084

Trichromacy



Original Color

39.7287, 0.2335, 0.2192

Protanomaly

39.9814, 0.2321, 0.2192

Deuteranomaly

39.7976, 0.2304, 0.2216

Tritanomaly

39.5393, 0.2495, 0.2709

Monochromacy



Original Color

39.7287, 0.2335, 0.2192

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0301, 0.2794, 0.2853

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7287, 0.2335, 0.2192 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 254) }
```

Border

The CSS property to change the border of an element to Yxy 39.7287, 0.2335, 0.2192 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, 254) }
```

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

```
.border{ border-color:rgb(141, 165, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(141, 165,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7287, 0.2335, 0.2192 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, 254) }
```

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

```
.background{ background-color: rgb(141,  
165, 254) }
```

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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