

Converting Colors

$Yxy(42.6037, 0.2159, 0.1863)$

Have a look what the booklet for
Yxy(42.6037, 0.2159, 0.1863)
contains.

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Color

Yxy(39.7057, 0.2324, 0.2181)

Conversions

Conversions Part 1

Format	Color
Hex	8CA5FF
RGB	140, 165, 255
RGB Percent	55%, 65%, 100%
CMY	0.4513, 0.3528, 0.0000
CMYK	0.45, 0.35, 0.00, 0.00
HSL	227°, 100%, 77%
HSV	227°, 45%, 100%
XYZ	42.3091, 39.7057, 100.0380
YIQ	167.7850, -43.7900, 22.6900

Conversions

Conversions Part 2

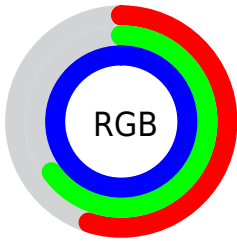
Format	Color
RYB	140, 161, 255
Decimal	9217535
CIELab	69.26, 14.27, -47.43
CIELCh	69, 49.533, 286.747
Yxy	39.7057, 0.2324, 0.2181
Android (android.graphics.Color)	4287407615 (0xFF8CA5FF)
YUV	167.7850, 42.9970, -24.3674
Hunter-Lab	63.0125, 9.5801, -50.0195

Details

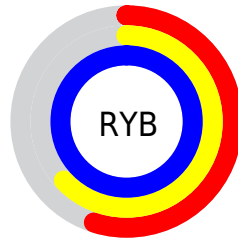
The Yxy color **39.7057, 0.2324, 0.2181** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **79.6839, 0.3904, 0.4190**, and the grayscale version is **38.8428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4122, 0.2766, 0.2909**, and **17.9057, 0.2107, 0.1916** is the 20% darker color. If you saturate the color by 10%, you get **31.1028, 0.2132, 0.1885**, and if you desaturate by 10%, it is **49.9456, 0.2518, 0.2466**.

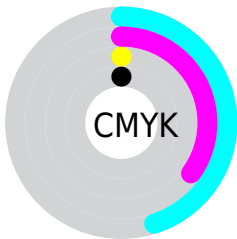
Distribution



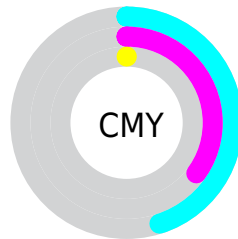
- Red (55%)
- Green (65%)
- Blue (100%)



- 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 39.7057, 0.2324, 0.2181 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 39.7057, 0.2324, 0.2181 by changing the saturation by 10% instead.


 39.7057, 0.2324,
0.2181


 39.7057, 0.2324,
0.2181


344.8816, 0.2723,
0.2709

 27.3092, 0.2228,
0.2060


 74.7152, 0.2467,
0.2365

 17.8055, 0.2108,
0.1912


 98.0969, 0.2521,
0.2437

 10.8105, 0.1954,
0.1727


125.9091, 0.2568,
0.2498

 5.9395, 0.1753,
0.1492

158.5362, 0.2607,
0.2551

 2.8083, 0.1483,
0.1192

196.3626, 0.2642,
0.2598

 1.0325, 0.1118,
0.0813

239.7727, 0.2673,

 0.0000, 0.0472,

0.2639

0.0000

289.1509, 0.2699,
0.2676

■ 0.0000, 0.0000,
0.0000

■ 39.7057, 0.2324,
0.2181

■ 39.7057, 0.2324,
0.2181

■ 31.1028, 0.2132,
0.1885

■ 49.9456, 0.2518,
0.2466

■ 24.0450, 0.1951,
0.1590

■ 61.8992, 0.2707,
0.2732

■ 18.4371, 0.1794,
0.1313

■ 75.6434, 0.2885,
0.2974

■ 14.1710, 0.1670,
0.1070

■ 91.2489, 0.3049,
0.3189

■ 11.1207, 0.1585,
0.0876

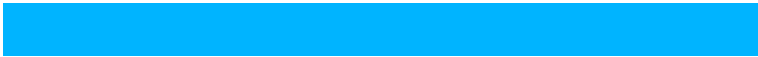
■ 99.9998, 0.3127,
0.3290

■ 10.0122, 0.1556,
0.0801

Harmonies

Analogous

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



39.7057, 0.1959, 0.2265



39.7057, 0.2324, 0.2181



39.7057, 0.2935, 0.2331

Triad

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



39.7057, 0.2324, 0.2181



39.7057, 0.4577, 0.3695



39.7057, 0.2515, 0.4034

Complementary

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



39.7057, 0.2324, 0.2181



79.6839, 0.3904, 0.4190

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.



39.7057, 0.3180, 0.4561



39.7057, 0.2324, 0.2181



39.7057, 0.4391, 0.4216

Square

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



39.7057, 0.2324, 0.2181



39.7057, 0.4316, 0.3155



39.7057, 0.3867, 0.4582



39.7057, 0.2048, 0.3262

Rectangle

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



39.7057, 0.2324, 0.2181



39.7057, 0.3430, 0.2543



39.7057, 0.3867, 0.4582



39.7057, 0.2722, 0.4257

Sweetspot

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



39.7071, 0.2324, 0.2181



77.3130, 0.2904, 0.3000



82.6957, 0.2639, 0.3602



15.8705, 0.2867, 0.2950



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.



39.7071, 0.2324, 0.2181



31.9960, 0.2153, 0.1918



34.5662, 0.2484, 0.1946



18.0201, 0.2979, 0.3098



5.4089, 0.1563, 0.0825



0.6789, 0.1617, 0.1022

Inverse Universe

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



42.7095, 0.4073, 0.3030



36.1699, 0.4373, 0.2988



89.3055, 0.3586, 0.4490



18.0519, 0.3260, 0.3238



11.2740, 0.6030, 0.3096



1.1131, 0.5725, 0.2928

Previews

White Background



This preview shows how the Yxy color 39.7057, 0.2324, 0.2181 looks on a white background.

Color Contrast Check

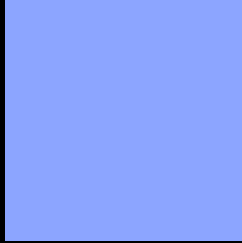
Large Text (above 18pt) WCAG AA × Fail

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 39.7057, 0.2324, 0.2181 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 39.7057, 0.2324, 0.2181

Background



This preview shows how black text looks on a background with the Yxy color 39.7057, 0.2324, 0.2181.



This preview shows how white text looks on a background with the Yxy color 39.7057, 0.2324, 0.2181.

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

39.7057, 0.2324, 0.2181

Protanopia

39.8108, 0.2309, 0.2189

Deuteranopia

39.7502, 0.2268, 0.2210



Tritanopia

39.7841, 0.2593, 0.3083

Trichromacy



Original Color

39.7057, 0.2324, 0.2181

Protanomaly

39.8957, 0.2315, 0.2190

Deuteranomaly

39.6987, 0.2288, 0.2203

Tritanomaly

39.4606, 0.2489, 0.2708

Monochromacy



Original Color

39.7057, 0.2324, 0.2181

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0767, 0.2787, 0.2840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7057, 0.2324, 0.2181 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(140, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 165, 255)  
}
```

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(140, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 165, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.7057, 0.2324, 0.2181 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(140, 165, 255) }
```

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

```
.border{ border-color:rgb(140, 165, 255) }
```

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

Here you see how a box with a 4 pixel rgb(140, 165, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 165,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7057, 0.2324, 0.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 165, 255) }
```

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

```
.background{ background-color: rgb(140,  
165, 255) }
```

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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