

Converting Colors

$Yxy(39.4831, 0.2328, 0.2264)$

Have a look what the booklet for
Yxy(39.4831, 0.2328, 0.2264)
contains.

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Color

Yxy(39.4831, 0.2328, 0.2264)

Conversions

Conversions Part 1

Format	Color
Hex	86A7F8
RGB	134, 167, 248
RGB Percent	53%, 65%, 97%
CMY	0.4744, 0.3451, 0.0273
CMYK	0.46, 0.33, 0.00, 0.03
HSL	223°, 89%, 75%
HSV	223°, 46%, 97%
XYZ	40.5992, 39.4831, 94.3130
YIQ	166.3670, -45.6690, 18.1950

Conversions

Conversions Part 2

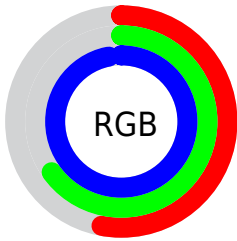
Format	Color
RYB	134, 160, 248
Decimal	8824824
CIELab	69.10, 9.75, -43.92
CIELCh	69, 44.993, 282.511
Yxy	39.4831, 0.2328, 0.2264
Android (android.graphics.Color)	4287014904 (0xFF86A7F8)
YUV	166.3670, 40.2451, -28.3859
Hunter-Lab	62.8356, 5.3699, -45.0063

Details

The Yxy color **39.4831, 0.2328, 0.2264** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **70.3149, 0.3956, 0.4130**, and the grayscale version is **38.1408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6690, 0.2731, 0.2928**, and **17.5596, 0.2109, 0.2000** is the 20% darker color. If you saturate the color by 10%, you get **31.6546, 0.2145, 0.1992**, and if you desaturate by 10%, it is **48.6730, 0.2514, 0.2524**.

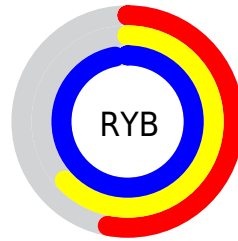
Distribution



Red (53%)

Green (65%)

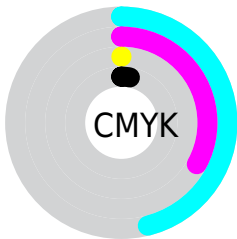
Blue (97%)



Red (53%)

Yellow (63%)

Blue (97%)

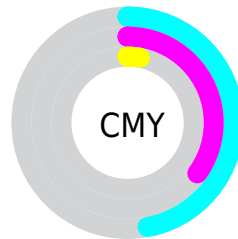


Cyan (46%)

Magenta (33%)

Yellow (0%)

Black (3%)



Cyan (47%)

Magenta (35%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4831, 0.2328, 0.2264 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 39.4831, 0.2328, 0.2264 by changing the saturation by 10% instead.

■ 39.4831, 0.2328,
0.2264

■ 39.4831, 0.2328,
0.2264

■ 343.9401, 0.2725,
0.2759

■ 27.1358, 0.2232,
0.2149

■ 74.3758, 0.2470,
0.2438

■ 17.6752, 0.2112,
0.2006

■ 97.6898, 0.2524,
0.2505

■ 10.7171, 0.1958,
0.1826

■ 125.4283, 0.2571,
0.2563

■ 5.8769, 0.1755,
0.1594

■ 157.9756, 0.2610,
0.2613

■ 2.7704, 0.1480,
0.1291

■ 195.7160, 0.2645,
0.2656

■ 1.0131, 0.1105,
0.0898

■ 239.0339, 0.2675,

■ 0.0000, 0.0298,

0.2695

0.0000

288.3138, 0.2702,
0.2729

■ 0.0000, 0.0000,
0.0000

■ 39.4831, 0.2328,
0.2264

■ 39.4831, 0.2328,
0.2264

■ 31.6546, 0.2145,
0.1992

■ 48.6730, 0.2514,
0.2524

■ 25.1138, 0.1975,
0.1719

■ 59.2839, 0.2697,
0.2766

■ 19.7860, 0.1826,
0.1455

■ 71.3770, 0.2872,
0.2986

■ 15.5858, 0.1706,
0.1216

■ 85.0084, 0.3036,
0.3183

■ 12.4134, 0.1622,
0.1014

■ 99.5593, 0.3167,
0.3357

■ 11.3795, 0.1595,
0.0943

Harmonies

Analogous

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



39.4831, 0.2022, 0.2381



39.4831, 0.2328, 0.2264



39.4831, 0.2864, 0.2373

Triad

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



39.4831, 0.2328, 0.2264



39.4831, 0.4441, 0.3604



39.4831, 0.2650, 0.4050

Complementary

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



39.4831, 0.2328, 0.2264



70.3149, 0.3956, 0.4130

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.



39.4831, 0.3276, 0.4468



39.4831, 0.2328, 0.2264



39.4831, 0.4333, 0.4090

Square

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



39.4831, 0.2328, 0.2264



39.4831, 0.4144, 0.3105



39.4831, 0.3894, 0.4442



39.4831, 0.2184, 0.3368

Rectangle

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



39.4831, 0.2328, 0.2264



39.4831, 0.3309, 0.2554



39.4831, 0.3894, 0.4442



39.4831, 0.2849, 0.4234

Sweetspot

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



39.4845, 0.2328, 0.2264



78.7116, 0.2905, 0.3026



77.0705, 0.2669, 0.3704



16.2078, 0.2868, 0.2982



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.



39.4845, 0.2328, 0.2264



34.3944, 0.2161, 0.2017



30.9857, 0.2413, 0.1900



17.4607, 0.2979, 0.3116



6.3531, 0.1603, 0.0970



0.7620, 0.1667, 0.1199

Inverse Universe

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



39.8081, 0.4004, 0.2940



35.8416, 0.4284, 0.2882



84.9205, 0.3646, 0.4487



17.3078, 0.3248, 0.3222



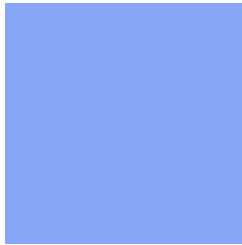
11.0523, 0.5804, 0.2971



1.0412, 0.5468, 0.2786

Previews

White Background



This preview shows how the Yxy color 39.4831, 0.2328, 0.2264 looks on a white background.

Color Contrast Check

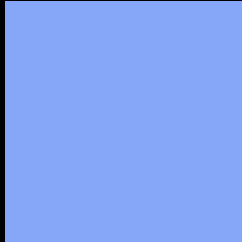
Large Text (above 18pt) WCAG AA × Fail

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 39.4831, 0.2328, 0.2264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

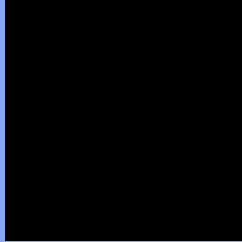
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

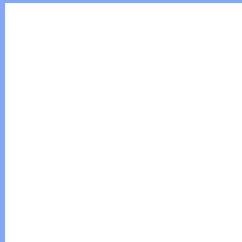
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4831, 0.2328, 0.2264

Background



This preview shows how black text looks on a background with the Yxy color 39.4831, 0.2328, 0.2264.



This preview shows how white text looks on a background with the Yxy color 39.4831, 0.2328, 0.2264.

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

39.4831, 0.2328, 0.2264

Protanopia

39.2884, 0.2370, 0.2259

Deuteranopia

39.4831, 0.2328, 0.2264



Tritanopia

39.4981, 0.2568, 0.3082

Trichromacy



Original Color

39.4831, 0.2328, 0.2264

Protanomaly

39.3911, 0.2354, 0.2267

Deuteranomaly

39.4831, 0.2328, 0.2264

Tritanomaly

39.3107, 0.2477, 0.2756

Monochromacy



Original Color

39.4831, 0.2328, 0.2264

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.1280, 0.2783, 0.2873

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4831, 0.2328, 0.2264 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(134, 167, 248)` looks like.

```
.text, #text, p{  
    color:rgb(134, 167, 248)  
}
```

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(134, 167, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 167, 248) }
```

Border

The CSS property to change the border of an element to Yxy 39.4831, 0.2328, 0.2264 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(134, 167, 248) }
```

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

```
.border{ border-color:rgb(134, 167, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 167, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 167, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 167, 248);  
box-shadow:4px 4px 4px 4px rgb(134, 167,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4831, 0.2328, 0.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 167, 248) }
```

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

```
.background{ background-color: rgb(134,  
167, 248) }
```

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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