

Converting Colors

$Yxy(41.9324, 0.2292, 0.2270)$

Have a look what the booklet for
Yxy(41.9324, 0.2292, 0.2270)
contains.

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Color

Yxy(41.9324, 0.2292, 0.2270)

Conversions

Conversions Part 1

Format	Color
Hex	83ADFF
RGB	131, 173, 255
RGB Percent	51%, 68%, 100%
CMY	0.4867, 0.3215, 0.0001
CMYK	0.49, 0.32, 0.00, 0.00
HSL	220°, 100%, 76%
HSV	220°, 49%, 100%
XYZ	42.3388, 41.9324, 100.4530
YIQ	169.7900, -51.3540, 16.5980

Conversions

Conversions Part 2

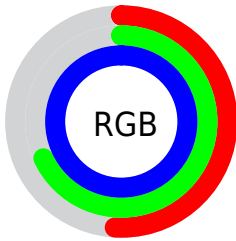
Format	Color
RYB	131, 162, 255
Decimal	8629759
CIELab	70.82, 7.62, -45.00
CIElCh	71, 45.642, 279.606
Yxy	41.9324, 0.2292, 0.2270
Android (android.graphics.Color)	4286819839 (0xFF83ADFF)
YUV	169.7900, 42.0085, -34.0188
Hunter-Lab	64.7552, 3.3867, -46.6463

Details

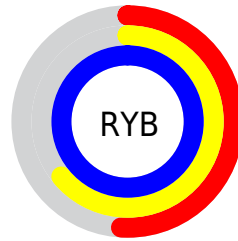
The Yxy color **41.9324, 0.2292, 0.2270** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **70.4064, 0.4043, 0.4120**, and the grayscale version is **39.8861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5256, 0.2719, 0.2994**, and **19.1297, 0.2076, 0.2016** is the 20% darker color. If you saturate the color by 10%, you get **34.0862, 0.2118, 0.2014**, and if you desaturate by 10%, it is **51.0965, 0.2472, 0.2516**.

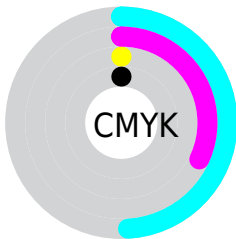
Distribution



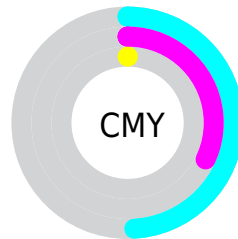
- Red (51%)
- Green (68%)
- Blue (100%)



- Red (51%)
- Yellow (64%)
- Blue (100%)



- Cyan (49%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9324, 0.2292, 0.2270 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 41.9324, 0.2292, 0.2270 by changing the saturation by 10% instead.

■ 41.9324, 0.2292,
0.2270

■ 41.9324, 0.2292,
0.2270

354.2026, 0.2701,
0.2759

■ 29.0484, 0.2195,
0.2157

■ 78.0973, 0.2437,
0.2441

■ 19.1174, 0.2074,
0.2018

■ 102.1470, 0.2493,
0.2507

■ 11.7551, 0.1920,
0.1843

■ 130.6873, 0.2541,
0.2564

■ 6.5772, 0.1720,
0.1619

164.1027, 0.2582,
0.2614

■ 3.1991, 0.1453,
0.1329

202.7775, 0.2617,
0.2657

■ 1.2365, 0.1095,
0.0951

247.0962, 0.2649,

■ 0.0913, 0.0464,

0.2695

0.0155

297.4431, 0.2677,
0.2728

0.0000, 0.0000,
0.0000

41.9324, 0.2292,
0.2270

41.9324, 0.2292,
0.2270

34.0862, 0.2118,
0.2014

51.0965, 0.2472,
0.2516

27.4857, 0.1958,
0.1757

61.6362, 0.2652,
0.2745

22.0578, 0.1821,
0.1510

73.6109, 0.2827,
0.2955

17.7177, 0.1713,
0.1282

87.0750, 0.2993,
0.3144

14.3562, 0.1637,
0.1086

99.9988, 0.3127,
0.3290

■ 13.9661, 0.1628,
0.1062

Harmonies

Analogous

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



41.9324, 0.2011, 0.2410



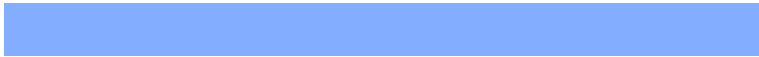
41.9324, 0.2292, 0.2270



41.9324, 0.2806, 0.2358

Triad

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



41.9324, 0.2292, 0.2270



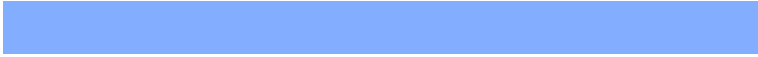
41.9324, 0.4423, 0.3554



41.9324, 0.2709, 0.4102

Complementary

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



41.9324, 0.2292, 0.2270



70.4064, 0.4043, 0.4120

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.



41.9324, 0.3339, 0.4478



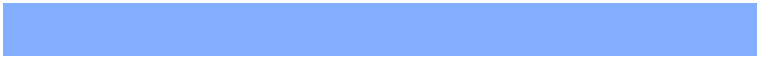
41.9324, 0.2292, 0.2270



41.9324, 0.4354, 0.4043

Square

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



41.9324, 0.2292, 0.2270



41.9324, 0.4090, 0.3061



41.9324, 0.3943, 0.4413



41.9324, 0.2223, 0.3435

Rectangle

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



41.9324, 0.2292, 0.2270



41.9324, 0.3242, 0.2527



41.9324, 0.3943, 0.4413



41.9324, 0.2911, 0.4274

Sweetspot

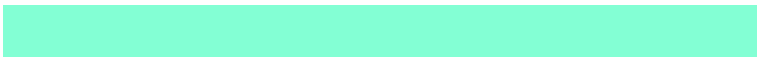
The Sweet Spot groups the original color and five complimentary colors.



41.9339, 0.2292, 0.2270



78.3807, 0.2889, 0.3026



81.0559, 0.2677, 0.3812



16.1854, 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.



41.9339, 0.2292, 0.2270



34.5729, 0.2129, 0.2032



29.8621, 0.2316, 0.1790



18.3857, 0.2979, 0.3128



7.5457, 0.1637, 0.1091



0.9277, 0.1699, 0.1315

Inverse Universe

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



40.4801, 0.4013, 0.2856



34.2414, 0.4287, 0.2790



91.0398, 0.3715, 0.4537



18.0888, 0.3241, 0.3210



11.4897, 0.5623, 0.2871



1.1382, 0.5306, 0.2697

Previews

White Background



This preview shows how the Yxy color 41.9324, 0.2292, 0.2270 looks on a white background.

Color Contrast Check

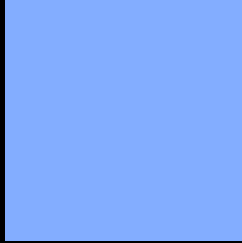
Large Text (above 18pt) WCAG AA × Fail

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 41.9324, 0.2292, 0.2270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

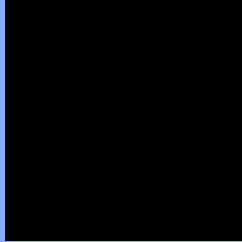
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

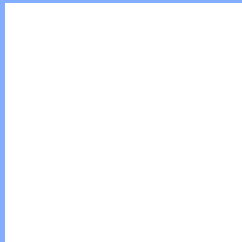
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9324, 0.2292, 0.2270

Background



This preview shows how black text looks on a background with the Yxy color 41.9324, 0.2292, 0.2270.



This preview shows how white text looks on a background with the Yxy color 41.9324, 0.2292, 0.2270.

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

41.9324, 0.2292, 0.2270

Protanopia

41.7975, 0.2380, 0.2280

Deuteranopia

42.0434, 0.2323, 0.2265



Tritanopia

41.9819, 0.2516, 0.3071

Trichromacy



Original Color

41.9324, 0.2292, 0.2270

Protanomaly

41.7931, 0.2348, 0.2276

Deuteranomaly

41.8759, 0.2312, 0.2262

Tritanomaly

41.7501, 0.2429, 0.2751

Monochromacy



Original Color

41.9324, 0.2292, 0.2270

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.4108, 0.2768, 0.2882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9324, 0.2292, 0.2270 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(131, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 173, 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(131, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 173, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.9324, 0.2292, 0.2270 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(131, 173, 255) }
```

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

```
.border{ border-color:rgb(131, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 173,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9324, 0.2292, 0.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 173, 255) }
```

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

```
.background{ background-color: rgb(131,  
173, 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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