

Converting Colors

$Y_{xy}(48.4161, 0.2379, 0.2461)$

Have a look what the booklet for
Yxy(48.4161, 0.2379, 0.2461)
contains.

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Color

Yxy(48.4234, 0.2379, 0.2462)

Conversions

Conversions Part 1

Format	Color
Hex	8DBBFF
RGB	141, 187, 255
RGB Percent	55%, 73%, 100%
CMY	0.4474, 0.2666, 0.0001
CMYK	0.45, 0.27, 0.00, 0.00
HSL	216°, 100%, 78%
HSV	216°, 45%, 100%
XYZ	46.7909, 48.4234, 101.4689
YIQ	180.9980, -49.2440, 11.3960

Conversions

Conversions Part 2

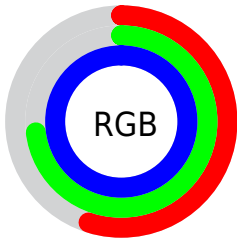
Format	Color
R_{YB}	141, 174, 255
Decimal	9288703
CIE _{Lab}	75.09, 2.17, -38.30
CIE _{LCh}	75, 38.361, 273.237
Yxy	48.4234, 0.2379, 0.2462
Android (android.graphics.Color)	4287478783 (0xFF8DBBFF)
YUV	180.9980, 36.4830, -35.0782
Hunter-Lab	69.5869, -1.7520, -37.7434

Details

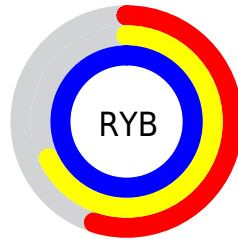
The Yxy color **48.4234, 0.2379, 0.2462** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.7146, 0.3993, 0.3988**, and the grayscale version is **46.0189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4633, 0.2790, 0.3162**, and **23.0122, 0.2192, 0.2254** is the 20% darker color. If you saturate the color by 10%, you get **40.3338, 0.2210, 0.2235**, and if you desaturate by 10%, it is **57.7128, 0.2553, 0.2677**.

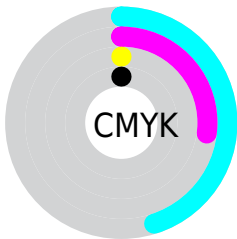
Distribution



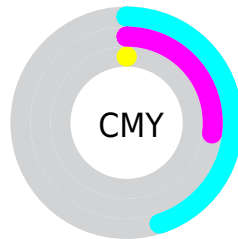
- Red (55%)
- Green (73%)
- Blue (100%)



- Red (55%)
- Yellow (68%)
- Blue (100%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4234, 0.2379, 0.2462 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 48.4234, 0.2379, 0.2462 by changing the saturation by 10% instead.

■ 48.4234, 0.2379,
0.2462

■ 48.4234, 0.2379,
0.2462

■ 380.4679, 0.2739,
0.2858

■ 34.1623, 0.2295,
0.2370

■ 87.8345, 0.2506,
0.2601

■ 23.0183, 0.2190,
0.2256

■ 113.7532, 0.2555,
0.2655

■ 14.6070, 0.2057,
0.2112

■ 144.3267, 0.2596,
0.2701

■ 8.5441, 0.1884,
0.1925

■ 179.9392, 0.2633,
0.2740

■ 4.4450, 0.1652,
0.1676

■ 220.9752, 0.2664,
0.2775

■ 1.9255, 0.1332,
0.1336

■ 267.8191, 0.2692,

■ 0.5636, 0.0863,

0.2806

0.0827

320.8552, 0.2717,
0.2833

0.0000, 0.0000,
0.0000

48.4234, 0.2379,
0.2462

48.4234, 0.2379,
0.2462

40.3338, 0.2210,
0.2235

57.7128, 0.2553,
0.2677

33.3816, 0.2053,
0.2001

68.2492, 0.2726,
0.2876

27.5062, 0.1914,
0.1768

80.0834, 0.2894,
0.3057

22.6371, 0.1799,
0.1544

93.2617, 0.3055,
0.3220

18.6917, 0.1714,
0.1340

99.9986, 0.3127,
0.3290

■ 16.9329, 0.1678,
0.1241

Harmonies

Analogous

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



48.4234, 0.2186, 0.2633



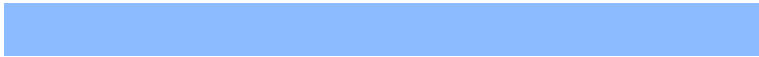
48.4234, 0.2379, 0.2462



48.4234, 0.2770, 0.2492

Triad

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



48.4234, 0.2379, 0.2462



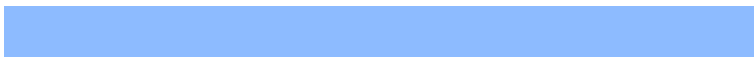
48.4234, 0.4133, 0.3436



48.4234, 0.2902, 0.4015

Complementary

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



48.4234, 0.2379, 0.2462



68.7146, 0.3993, 0.3988

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.



48.4234, 0.3423, 0.4247



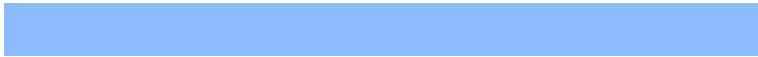
48.4234, 0.2379, 0.2462



48.4234, 0.4156, 0.3843

Square

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



48.4234, 0.2379, 0.2462



48.4234, 0.3807, 0.3029



48.4234, 0.3886, 0.4157



48.4234, 0.2466, 0.3530

Rectangle

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



48.4234, 0.2379, 0.2462



48.4234, 0.3110, 0.2610



48.4234, 0.3886, 0.4157



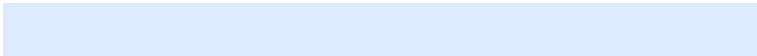
48.4234, 0.3073, 0.4129

Sweetspot

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



48.4252, 0.2379, 0.2462



82.2859, 0.2923, 0.3087



81.6888, 0.2741, 0.3858



17.0180, 0.2886, 0.3049



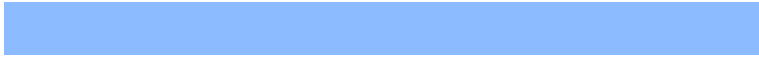
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4252, 0.2379, 0.2462



40.8954, 0.2222, 0.2252



32.7685, 0.2341, 0.1908



18.5831, 0.2979, 0.3144



9.1237, 0.1686, 0.1271



1.0959, 0.1748, 0.1494

Inverse Universe

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



43.8704, 0.3830, 0.2813



37.0683, 0.4057, 0.2725



92.9244, 0.3727, 0.4419



18.1088, 0.3230, 0.3194



11.6490, 0.5367, 0.2730



1.1552, 0.5067, 0.2565

Previews

White Background



This preview shows how the Yxy color 48.4234, 0.2379, 0.2462 looks on a white background.

Color Contrast Check

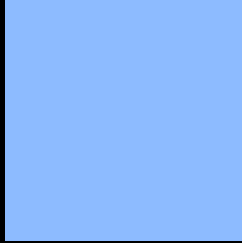
Large Text (above 18pt) WCAG AA × Fail

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 48.4234, 0.2379, 0.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

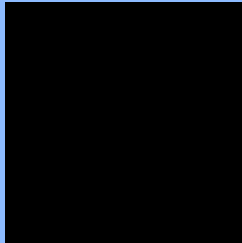
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

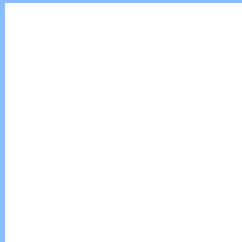
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4234, 0.2379, 0.2462

Background



This preview shows how black text looks on a background with the Yxy color 48.4234, 0.2379, 0.2462.



This preview shows how white text looks on a background with the Yxy color 48.4234, 0.2379, 0.2462.

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

48.4234, 0.2379, 0.2462

Protanopia

48.3134, 0.2526, 0.2468

Deuteranopia

48.2530, 0.2486, 0.2424



Tritanopia

48.3226, 0.2553, 0.3071

Trichromacy



Original Color

48.4234, 0.2379, 0.2462

Protanomaly

48.3772, 0.2475, 0.2472

Deuteranomaly

48.3710, 0.2447, 0.2440

Tritanomaly

48.2319, 0.2488, 0.2831

Monochromacy



Original Color

48.4234, 0.2379, 0.2462

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5280, 0.2807, 0.2965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4234, 0.2379, 0.2462 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, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 187, 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(141, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 187, 255) }
```

Border

The CSS property to change the border of an element to Yxy 48.4234, 0.2379, 0.2462 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, 187, 255) }
```

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

```
.border{ border-color:rgb(141, 187, 255) }
```

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

Here you see how a box with a 4 pixel rgb(141, 187, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 187,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4234, 0.2379, 0.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 187, 255) }
```

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

```
.background{ background-color: rgb(141,  
187, 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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