

Converting Colors

$Y_{xy}(44.4682, 0.2468, 0.2389)$

Have a look what the booklet for
Yxy(44.4682, 0.2468, 0.2389)
contains.

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Color

Yxy(44.4681, 0.2468, 0.2388)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9BAFF9 |
| RGB | 155, 175, 249 |
| RGB Percent | 61%, 69%, 98% |
| CMY | 0.3919, 0.3138, 0.0235 |
| CMYK | 0.38, 0.30, 0.00, 0.02 |
| HSL | 227°, 89%, 79% |
| HSV | 227°, 38%, 98% |
| XYZ | 45.9578, 44.4681, 95.7889 |
| YIQ | 177.4560, -35.6740, 18.7740 |

Conversions

Conversions Part 2

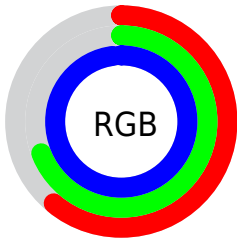
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 155, 171, 249 |
| Decimal | 10203129 |
| CIE _{Lab} | 72.54, 10.80, -38.98 |
| CIE _{LCh} | 73, 40.452, 285.491 |
| Y _{xy} | 44.4681, 0.2468, 0.2388 |
| Android (android.graphics.Color) | 4288393209 (0xFF9BAFF9) |
| Y _{UV} | 177.4560, 35.2712, -19.6939 |
| Hunter-Lab | 66.6844, 6.3216, -38.4881 |

Details

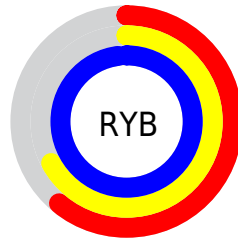
The Yxy color **44.4681, 0.2468, 0.2388** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **78.6057, 0.3765, 0.4052**, and the grayscale version is **44.0511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8107, 0.2859, 0.3027**, and **20.6810, 0.2294, 0.2171** is the 20% darker color. If you saturate the color by 10%, you get **35.1624, 0.2273, 0.2097**, and if you desaturate by 10%, it is **55.3952, 0.2659, 0.2661**.

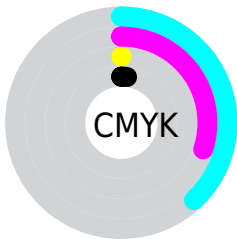
Distribution



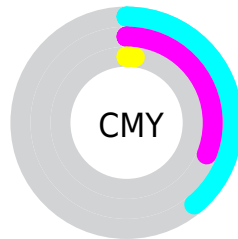
- Red (61%)
- Green (69%)
- Blue (98%)



- Red (61%)
- Yellow (67%)
- Blue (98%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4681, 0.2468, 0.2388 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 44.4681, 0.2468, 0.2388 by changing the saturation by 10% instead.

■ 44.4681, 0.2468,
0.2388

■ 44.4681, 0.2468,
0.2388

364.6151, 0.2793,
0.2818

■ 31.0387, 0.2390,
0.2288

■ 81.9217, 0.2584,
0.2539

■ 20.6283, 0.2292,
0.2165

■ 106.7146, 0.2628,
0.2597

■ 12.8526, 0.2165,
0.2009

136.0641, 0.2666,
0.2647

■ 7.3271, 0.1997,
0.1807

170.3547, 0.2699,
0.2691

■ 3.6675, 0.1767,
0.1539

209.9707, 0.2727,
0.2729

■ 1.4894, 0.1441,
0.1178

255.2965, 0.2752,

■ 0.2812, 0.0936,

0.2762

0.0496

306.7165, 0.2774,
0.2792

0.0000, 0.0000,
0.0000

44.4681, 0.2468,
0.2388

44.4681, 0.2468,
0.2388

35.1624, 0.2273,
0.2097

55.3952, 0.2659,
0.2661

27.3940, 0.2082,
0.1798

68.0123, 0.2840,
0.2911

21.0785, 0.1906,
0.1505

82.3898, 0.3008,
0.3135

16.1208, 0.1756,
0.1235

98.5929, 0.3161,
0.3333

12.4135, 0.1641,
0.1004

99.6200, 0.3162,
0.3347

■ 9.8267, 0.1567,
0.0826

■ 9.3652, 0.1554,
0.0792

Harmonies

Analogous

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



44.4681, 0.2172, 0.2477



44.4681, 0.2468, 0.2388



44.4681, 0.2958, 0.2501

Triad

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



44.4681, 0.2468, 0.2388



44.4681, 0.4271, 0.3624



44.4681, 0.2670, 0.3887

Complementary

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



44.4681, 0.2468, 0.2388



78.6057, 0.3765, 0.4052

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.



44.4681, 0.3211, 0.4276



44.4681, 0.2468, 0.2388



44.4681, 0.4153, 0.4039

Square

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



44.4681, 0.2468, 0.2388



44.4681, 0.4045, 0.3179



44.4681, 0.3756, 0.4307



44.4681, 0.2274, 0.3306

Rectangle

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



44.4681, 0.2468, 0.2388



44.4681, 0.3348, 0.2673



44.4681, 0.3756, 0.4307



44.4681, 0.2840, 0.4050

Sweetspot

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



44.4698, 0.2468, 0.2388



81.7607, 0.2954, 0.3064



80.3703, 0.2697, 0.3525



17.0536, 0.2932, 0.3034



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.



44.4698, 0.2468, 0.2388



39.5717, 0.2325, 0.2176



40.2163, 0.2624, 0.2196



17.2390, 0.2979, 0.3097



5.1779, 0.1560, 0.0815



0.6261, 0.1617, 0.1022

Inverse Universe

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



46.7043, 0.3858, 0.3078



42.7902, 0.4077, 0.3039



85.7172, 0.3508, 0.4293



17.2854, 0.3261, 0.3240



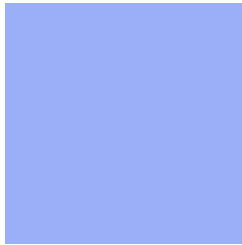
10.9336, 0.6046, 0.3104



1.0274, 0.5726, 0.2928

Previews

White Background



This preview shows how the Yxy color 44.4681, 0.2468, 0.2388 looks on a white background.

Color Contrast Check

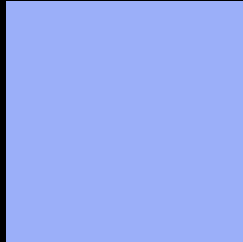
Large Text (above 18pt) WCAG AA × Fail

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 44.4681, 0.2468, 0.2388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

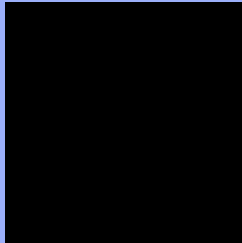
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4681, 0.2468, 0.2388

Background



This preview shows how black text looks on a background with the Yxy color 44.4681, 0.2468, 0.2388.



This preview shows how white text looks on a background with the Yxy color 44.4681, 0.2468, 0.2388.

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

44.4681, 0.2468, 0.2388

Protanopia

44.4681, 0.2468, 0.2388

Deuteranopia

44.6625, 0.2457, 0.2398



Tritanopia

44.6611, 0.2703, 0.3096

Trichromacy



Original Color

44.4681, 0.2468, 0.2388

Protanomaly

44.4681, 0.2468, 0.2388

Deuteranomaly

44.7602, 0.2463, 0.2399

Tritanomaly

44.2605, 0.2611, 0.2813

Monochromacy



Original Color

44.4681, 0.2468, 0.2388

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7975, 0.2860, 0.2936

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4681, 0.2468, 0.2388 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(155, 175, 249)` looks like.

```
.text, #text, p{  
    color:rgb(155, 175, 249)  
}
```

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(155, 175, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 175, 249) }
```

Border

The CSS property to change the border of an element to Yxy 44.4681, 0.2468, 0.2388 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(155, 175, 249) }
```

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

```
.border{ border-color:rgb(155, 175, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 175, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 175, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 175, 249); box-shadow:4px 4px 4px 4px rgb(155, 175, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4681, 0.2468, 0.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 175, 249) }
```

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

```
.background{ background-color: rgb(155,  
175, 249) }
```

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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