

Converting Colors

Yxy(49.8768, 0.2069, 0.1746)

Have a look what the booklet for
Yxy(49.8768, 0.2069, 0.1746)
contains.

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Color

Yxy(43.9334, 0.2355, 0.2322)

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | 8DB0FF |
| RGB | 141, 176, 255 |
| RGB Percent | 55%, 69%, 100% |
| CMY | 0.4470, 0.3098, 0.0001 |
| CMYK | 0.45, 0.31, 0.00, 0.00 |
| HSL | 222°, 100%, 78% |
| HSV | 222°, 45%, 100% |
| XYZ | 44.5578, 43.9334, 100.7138 |
| YIQ | 174.5410, -46.2190, 17.1490 |

Conversions

Conversions Part 2

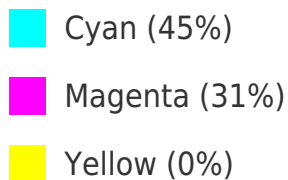
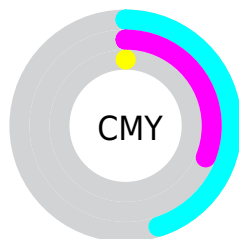
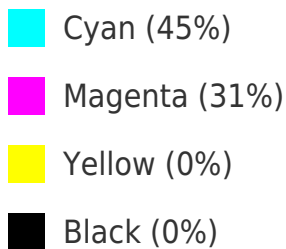
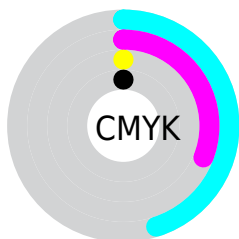
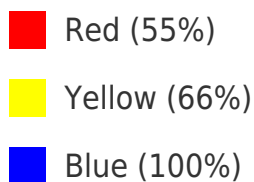
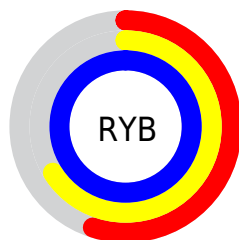
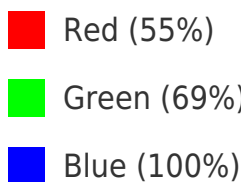
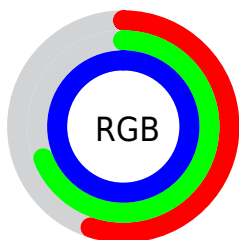
| Format | Color |
|-------------------------------------|---|
| RYB | 141, 168, 255 |
| Decimal | 9285887 |
| CIELab | 72.18, 8.31, -42.83 |
| CIELCh | 72, 43.626, 280.986 |
| Yxy | 43.9334, 0.2355, 0.2322 |
| Android (android.graphics.Color) | 4287475967 (0xFF8DB0FF) |
| YUV | 174.5410, 39.6663, -29.4155 |
| Hunter-Lab | 66.2823, 4.0013, -43.6917 |

Details

The Yxy color **43.9334, 0.2355, 0.2322** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **74.3570, 0.3941, 0.4091**, and the grayscale version is **42.4324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5139, 0.2781, 0.3032**, and **20.3773, 0.2156, 0.2086** is the 20% darker color. If you saturate the color by 10%, you get **35.4668, 0.2173, 0.2057**, and if you desaturate by 10%, it is **53.8195, 0.2540, 0.2574**.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9334, 0.2355, 0.2322 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 43.9334, 0.2355, 0.2322 by changing the saturation by 10% instead.


 43.9334, 0.2355,
0.2322

 43.9334, 0.2355,
0.2322


362.4364, 0.2733,
0.2784

 30.6182, 0.2265,
0.2215


 81.1175, 0.2489,
0.2484

 20.3083, 0.2154,
0.2084


 105.7552, 0.2540,
0.2546

 12.6193, 0.2011,
0.1919


134.9358, 0.2584,
0.2600

 7.1669, 0.1825,
0.1707

169.0437, 0.2622,
0.2646

 3.5667, 0.1575,
0.1429

208.4633, 0.2655,
0.2687

 1.4343, 0.1232,
0.1063

253.5790, 0.2684,


 0.2418, 0.0695,


0.2723


0.0388


304.7753, 0.2710,
0.2755

 0.0000, 0.0000,
0.0000


 43.9334, 0.2355,
0.2322

 43.9334, 0.2355,
0.2322


 35.4668, 0.2173,
0.2057


 53.8195, 0.2540,
0.2574

 28.3446, 0.2003,
0.1789


 65.1853, 0.2720,
0.2807

 22.4912, 0.1852,
0.1527

 78.0933, 0.2893,
0.3019

 17.8203, 0.1730,
0.1286

 92.6006, 0.3055,
0.3209

 14.2315, 0.1641,
0.1077

99.9981, 0.3127,
0.3290

■ 12.7069, 0.1606,
0.0982

Harmonies

Analogous

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



43.9334, 0.2075, 0.2448



43.9334, 0.2355, 0.2322



43.9334, 0.2853, 0.2414

Triad

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



43.9334, 0.2355, 0.2322



43.9334, 0.4352, 0.3569



43.9334, 0.2710, 0.4025

Complementary

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



43.9334, 0.2355, 0.2322



74.3570, 0.3941, 0.4091

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.



43.9334, 0.3304, 0.4395



43.9334, 0.2355, 0.2322



43.9334, 0.4274, 0.4028

Square

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



43.9334, 0.2355, 0.2322



43.9334, 0.4055, 0.3097



43.9334, 0.3879, 0.4361



43.9334, 0.2258, 0.3400

Rectangle

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



43.9334, 0.2355, 0.2322



43.9334, 0.3267, 0.2580



43.9334, 0.3879, 0.4361



43.9334, 0.2900, 0.4190

Sweetspot

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



43.9350, 0.2355, 0.2322



80.4547, 0.2922, 0.3053



82.2743, 0.2687, 0.3715



16.5688, 0.2885, 0.3009



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.



43.9350, 0.2355, 0.2322



36.0177, 0.2186, 0.2076



33.9456, 0.2422, 0.1936



18.2872, 0.2979, 0.3120



6.8715, 0.1614, 0.1010



0.8527, 0.1675, 0.1230

Inverse Universe

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



43.4447, 0.3948, 0.2927



36.5759, 0.4221, 0.2862



90.9310, 0.3648, 0.4451



18.0789, 0.3246, 0.3217



11.4216, 0.5744, 0.2938



1.1306, 0.5423, 0.2761

Previews

White Background



This preview shows how the Yxy color 43.9334, 0.2355, 0.2322 looks on a white background.

Color Contrast Check

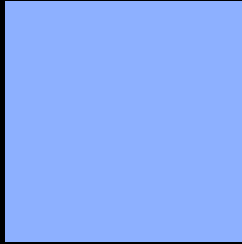
Large Text (above 18pt) WCAG AA × Fail

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 43.9334, 0.2355, 0.2322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

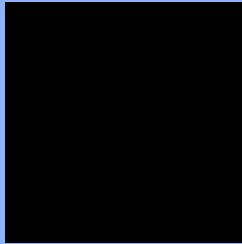
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

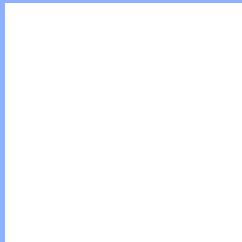
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9334, 0.2355, 0.2322

Background



This preview shows how black text looks on a background with the Yxy color 43.9334, 0.2355, 0.2322.



This preview shows how white text looks on a background with the Yxy color 43.9334, 0.2355, 0.2322.

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

43.9334, 0.2355, 0.2322

Protanopia

43.9433, 0.2420, 0.2330

Deuteranopia

43.8997, 0.2376, 0.2315



Tritanopia

43.7705, 0.2580, 0.3077

Trichromacy



Original Color

43.9334, 0.2355, 0.2322

Protanomaly

44.0187, 0.2392, 0.2327

Deuteranomaly

43.8092, 0.2370, 0.2313

Tritanomaly

43.5016, 0.2487, 0.2764

Monochromacy



Original Color

43.9334, 0.2355, 0.2322

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8061, 0.2805, 0.2905

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9334, 0.2355, 0.2322 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, 176, 255) looks like.

```
.text, #text, p{  
    color:rgb(141, 176, 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, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.9334, 0.2355, 0.2322 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, 176, 255) }
```

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

```
.border{ border-color:rgb(141, 176, 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, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9334, 0.2355, 0.2322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 176, 255) }
```

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

```
.background{ background-color: rgb(141,  
176, 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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