

Converting Colors

$Yxy(44.9887, 0.2359, 0.2356)$

Have a look what the booklet for
Yxy(44.9887, 0.2359, 0.2356)
contains.

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Color

Yxy(45.1229, 0.2361, 0.2360)

Conversions

Conversions Part 1

Format	Color
Hex	8DB3FF
RGB	141, 179, 255
RGB Percent	55%, 70%, 100%
CMY	0.4474, 0.2979, 0.0000
CMYK	0.45, 0.30, 0.00, 0.00
HSL	220°, 100%, 78%
HSV	220°, 45%, 100%
XYZ	45.1420, 45.1229, 100.9338
YIQ	176.3020, -47.0440, 15.5800

Conversions

Conversions Part 2

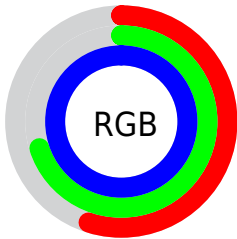
Format	Color
RYB	141, 170, 255
Decimal	9286655
CIELab	72.97, 6.60, -41.61
CIELCh	73, 42.129, 279.019
Yxy	45.1229, 0.2361, 0.2360
Android (android.graphics.Color)	4287476735 (0xFF8DB3FF)
YUV	176.3020, 38.7981, -30.9599
Hunter-Lab	67.1736, 2.4019, -42.0666

Details

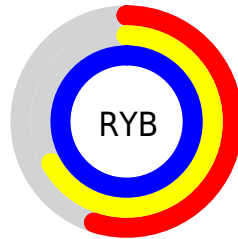
The Yxy color **45.1229, 0.2361, 0.2360** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.7447, 0.3956, 0.4063**, and the grayscale version is **43.3863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7788, 0.2784, 0.3076**, and **21.1408, 0.2166, 0.2136** is the 20% darker color. If you saturate the color by 10%, you get **36.7485, 0.2183, 0.2105**, and if you desaturate by 10%, it is **54.8532, 0.2543, 0.2602**.

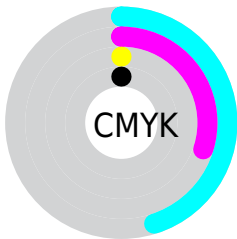
Distribution



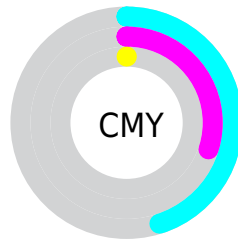
- Red (55%)
- Green (70%)
- Blue (100%)



- Red (55%)
- Yellow (67%)
- Blue (100%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1229, 0.2361, 0.2360 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 45.1229, 0.2361, 0.2360 by changing the saturation by 10% instead.

■ 45.1229, 0.2361,
0.2360

■ 45.1229, 0.2361,
0.2360

367.2711, 0.2734,
0.2804

■ 31.5542, 0.2273,
0.2257

■ 82.9048, 0.2493,
0.2515

■ 21.0213, 0.2163,
0.2131

■ 107.8868, 0.2544,
0.2576

■ 13.1395, 0.2023,
0.1971

137.4421, 0.2587,
0.2627

■ 7.5247, 0.1840,
0.1765

171.9551, 0.2625,
0.2672

■ 3.7924, 0.1595,
0.1495

211.8100, 0.2657,
0.2711

■ 1.5581, 0.1259,
0.1134

257.3914, 0.2686,

■ 0.3291, 0.0742,

0.2746

0.0515

309.0836, 0.2711,
0.2776

0.0000, 0.0000,
0.0000

45.1229, 0.2361,
0.2360

45.1229, 0.2361,
0.2360

36.7485, 0.2183,
0.2105

54.8532, 0.2543,
0.2602

29.6590, 0.2016,
0.1846

65.9957, 0.2721,
0.2826

23.7834, 0.1868,
0.1592

78.6091, 0.2893,
0.3029

19.0404, 0.1748,
0.1354

92.7473, 0.3055,
0.3211

15.3354, 0.1660,
0.1145

99.9997, 0.3127,
0.3290

■ 13.7466, 0.1625,
0.1048

Harmonies

Analogous

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



45.1229, 0.2105, 0.2499



45.1229, 0.2361, 0.2360



45.1229, 0.2829, 0.2435

Triad

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



45.1229, 0.2361, 0.2360



45.1229, 0.4292, 0.3532



45.1229, 0.2764, 0.4024

Complementary

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



45.1229, 0.2361, 0.2360



72.7447, 0.3956, 0.4063

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.



45.1229, 0.3338, 0.4354



45.1229, 0.2361, 0.2360



45.1229, 0.4243, 0.3977

Square

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



45.1229, 0.2361, 0.2360



45.1229, 0.3985, 0.3078



45.1229, 0.3883, 0.4304



45.1229, 0.2315, 0.3438

Rectangle

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



45.1229, 0.2361, 0.2360



45.1229, 0.3222, 0.2588



45.1229, 0.3883, 0.4304



45.1229, 0.2949, 0.4174

Sweetspot

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



45.1246, 0.2361, 0.2360



80.9612, 0.2922, 0.3062



82.0820, 0.2705, 0.3763



16.6929, 0.2885, 0.3020



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.



45.1246, 0.2361, 0.2360



37.3248, 0.2196, 0.2125



33.5146, 0.2394, 0.1925



18.3692, 0.2979, 0.3127



7.4273, 0.1633, 0.1077



0.9147, 0.1695, 0.1300

Inverse Universe

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



43.5383, 0.3916, 0.2895



36.7078, 0.4175, 0.2824



91.5948, 0.3675, 0.4441



18.0872, 0.3241, 0.3211



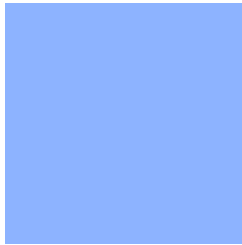
11.4778, 0.5644, 0.2883



1.1369, 0.5326, 0.2708

Previews

White Background



This preview shows how the Yxy color 45.1229, 0.2361, 0.2360 looks on a white background.

Color Contrast Check

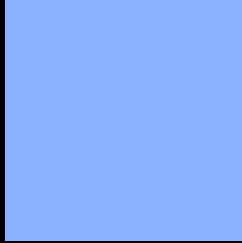
Large Text (above 18pt) WCAG AA × Fail

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 45.1229, 0.2361, 0.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

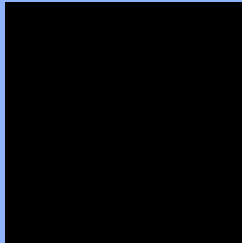
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

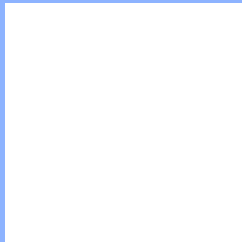
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1229, 0.2361, 0.2360

Background



This preview shows how black text looks on a background with the Yxy color 45.1229, 0.2361, 0.2360.



This preview shows how white text looks on a background with the Yxy color 45.1229, 0.2361, 0.2360.

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

45.1229, 0.2361, 0.2360

Protanopia

45.1111, 0.2448, 0.2361

Deuteranopia

45.0538, 0.2403, 0.2345



Tritanopia

45.2669, 0.2575, 0.3080

Trichromacy



Original Color

45.1229, 0.2361, 0.2360

Protanomaly

45.0841, 0.2414, 0.2357

Deuteranomaly

45.1718, 0.2388, 0.2354

Tritanomaly

44.9312, 0.2488, 0.2782

Monochromacy



Original Color

45.1229, 0.2361, 0.2360

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6386, 0.2800, 0.2920

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1229, 0.2361, 0.2360 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 179, 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, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 45.1229, 0.2361, 0.2360 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, 179, 255) }
```

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

```
.border{ border-color:rgb(141, 179, 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, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1229, 0.2361, 0.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 179, 255) }
```

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

```
.background{ background-color: rgb(141,  
179, 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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