

Converting Colors

Yxy(51.3692, 0.2126, 0.1754)

Have a look what the booklet for
Yxy(51.3692, 0.2126, 0.1754)
contains.

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Color

Yxy(45.3386, 0.2444, 0.2343)

Conversions

Conversions Part 1

Format	Color
Hex	9CB0FF
RGB	156, 176, 255
RGB Percent	61%, 69%, 100%
CMY	0.3881, 0.3098, 0.0000
CMYK	0.39, 0.31, 0.00, 0.00
HSL	228°, 100%, 81%
HSV	228°, 39%, 100%
XYZ	47.2930, 45.3386, 100.8750
YIQ	179.0260, -37.2790, 20.3290

Conversions

Conversions Part 2

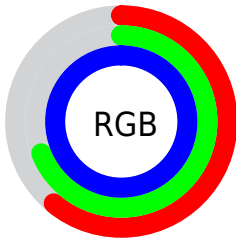
Format	Color
R _Y B	156, 173, 255
Decimal	10268927
CIE _{Lab}	73.11, 12.09, -41.33
CIE _{LCh}	73, 43.060, 286.312
Yxy	45.3386, 0.2444, 0.2343
Android (android.graphics.Color)	4288459007 (0xFF9CB0FF)
YUV	179.0260, 37.4552, -20.1938
Hunter-Lab	67.3339, 7.5378, -41.6904

Details

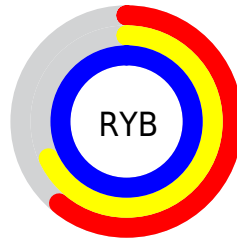
The Yxy color **45.3386, 0.2444, 0.2343** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **83.1105, 0.3782, 0.4083**, and the grayscale version is **44.9097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5180, 0.2866, 0.3038**, and **21.2018, 0.2261, 0.2116** is the 20% darker color. If you saturate the color by 10%, you get **35.6622, 0.2248, 0.2047**, and if you desaturate by 10%, it is **56.7484, 0.2637, 0.2623**.

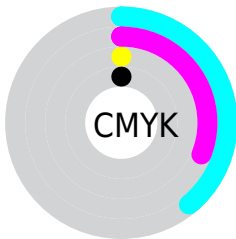
Distribution



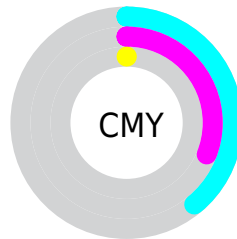
- Red (61%)
- Green (69%)
- Blue (100%)



- Red (61%)
- Yellow (68%)
- Blue (100%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3386, 0.2444, 0.2343 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 45.3386, 0.2444, 0.2343 by changing the saturation by 10% instead.

■ 45.3386, 0.2444,
0.2343

■ 45.3386, 0.2444,
0.2343

368.1432, 0.2779,
0.2791

■ 31.7242, 0.2364,
0.2240

■ 83.2283, 0.2563,
0.2499

■ 21.1509, 0.2264,
0.2114

■ 108.2724, 0.2609,
0.2560

■ 13.2344, 0.2135,
0.1955

137.8951, 0.2648,
0.2612

■ 7.5901, 0.1966,
0.1751

172.4810, 0.2682,
0.2657

■ 3.8338, 0.1737,
0.1484

212.4143, 0.2711,
0.2697

■ 1.5810, 0.1415,
0.1130

258.0796, 0.2736,

■ 0.3448, 0.0952,

0.2732

0.0527

309.8610, 0.2759,
0.2763

■ 0.0000, 0.0000,
0.0000

■ 45.3386, 0.2444,
0.2343

■ 45.3386, 0.2444,
0.2343

■ 35.6622, 0.2248,
0.2047

■ 56.7484, 0.2637,
0.2623

■ 27.6294, 0.2057,
0.1744

■ 69.9692, 0.2820,
0.2879

■ 21.1466, 0.1882,
0.1450

■ 85.0775, 0.2990,
0.3109

■ 16.1089, 0.1735,
0.1183

100.0000, 0.3127,
0.3290

■ 12.3974, 0.1625,
0.0959

■ 9.8620, 0.1555,
0.0791

■ 9.6224, 0.1548,
0.0774

Harmonies

Analogous

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



45.3386, 0.2129, 0.2428



45.3386, 0.2444, 0.2343



45.3386, 0.2963, 0.2468

Triad

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



45.3386, 0.2444, 0.2343



45.3386, 0.4337, 0.3649



45.3386, 0.2628, 0.3908

Complementary

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



45.3386, 0.2444, 0.2343



83.1105, 0.3782, 0.4083

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.



45.3386, 0.3195, 0.4332



45.3386, 0.2444, 0.2343



45.3386, 0.4200, 0.4085

Square

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



45.3386, 0.2444, 0.2343



45.3386, 0.4109, 0.3182



45.3386, 0.3773, 0.4369



45.3386, 0.2220, 0.3287

Rectangle

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



45.3386, 0.2444, 0.2343



45.3386, 0.3377, 0.2650



45.3386, 0.3773, 0.4369



45.3386, 0.2806, 0.4086

Sweetspot

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



45.3396, 0.2444, 0.2343



80.0413, 0.2937, 0.3039



84.5078, 0.2687, 0.3533



16.7036, 0.2915, 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.



45.3396, 0.2444, 0.2343



37.2850, 0.2283, 0.2101



41.2132, 0.2605, 0.2159



17.9705, 0.2979, 0.3094



5.1940, 0.1555, 0.0796



0.6513, 0.1608, 0.0988

Inverse Universe

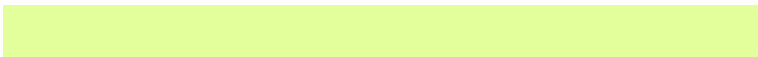
The Inverse Universe completely reimagines the original color for something new.



48.1868, 0.3901, 0.3083



41.1437, 0.4155, 0.3042



90.2468, 0.3519, 0.4324



18.0469, 0.3262, 0.3242



11.2523, 0.6076, 0.3121



1.1103, 0.5777, 0.2956

Previews

White Background



This preview shows how the Yxy color 45.3386, 0.2444, 0.2343 looks on a white background.

Color Contrast Check

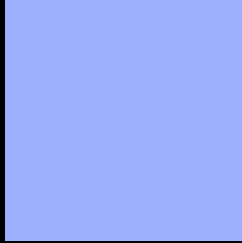
Large Text (above 18pt) WCAG AA × Fail

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 45.3386, 0.2444, 0.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

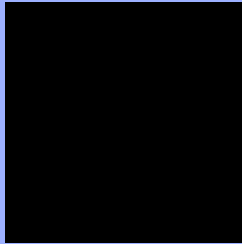
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3386, 0.2444, 0.2343

Background



This preview shows how black text looks on a background with the Yxy color 45.3386, 0.2444, 0.2343.



This preview shows how white text looks on a background with the Yxy color 45.3386, 0.2444, 0.2343.

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

45.3386, 0.2444, 0.2343

Protanopia

45.1407, 0.2432, 0.2340

Deuteranopia

45.2436, 0.2415, 0.2348



Tritanopia

45.1745, 0.2691, 0.3084

Trichromacy



Original Color

45.3386, 0.2444, 0.2343

Protanomaly

45.2392, 0.2438, 0.2342

Deuteranomaly

45.4366, 0.2427, 0.2351

Tritanomaly

44.9723, 0.2595, 0.2779

Monochromacy



Original Color

45.3386, 0.2444, 0.2343

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0037, 0.2849, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3386, 0.2444, 0.2343 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(156, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 45.3386, 0.2444, 0.2343 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(156, 176, 255) }
```

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

```
.border{ border-color:rgb(156, 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(156, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3386, 0.2444, 0.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 176, 255) }
```

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

```
.background{ background-color: rgb(156,  
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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