

Converting Colors

$Yxy(45.5405, 0.2462, 0.2385)$

Have a look what the booklet for
Yxy(45.5405, 0.2462, 0.2385)
contains.

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Color

Yxy(45.5405, 0.2462, 0.2385)

Conversions

Conversions Part 1

Format	Color
Hex	9CB1FC
RGB	156, 177, 252
RGB Percent	61%, 69%, 99%
CMY	0.3880, 0.3059, 0.0118
CMYK	0.38, 0.30, 0.00, 0.01
HSL	227°, 94%, 80%
HSV	227°, 38%, 99%
XYZ	47.0108, 45.5405, 98.3942
YIQ	179.2710, -36.5910, 18.8730

Conversions

Conversions Part 2

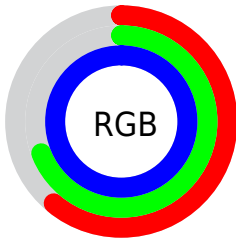
Format	Color
R _Y B	156, 173, 252
Decimal	10269180
CIE Lab	73.25, 10.74, -39.49
CIE LCh	73, 40.920, 285.209
Yxy	45.5405, 0.2462, 0.2385
Android (android.graphics.Color)	4288459260 (0xFF9CB1FC)
YUV	179.2710, 35.8554, -20.4087
Hunter-Lab	67.4837, 6.2509, -39.2088

Details

The Yxy color `45.5405, 0.2462, 0.2385` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `80.2850, 0.3774, 0.4053`, and the grayscale version is `45.0580, 0.3127, 0.3290`.

A 20% lighter version of the original color is `79.0794, 0.2866, 0.3049`, and `21.3741, 0.2290, 0.2170` is the 20% darker color. If you saturate the color by 10%, you get `36.0532, 0.2268, 0.2095`, and if you desaturate by 10%, it is `56.6765, 0.2653, 0.2657`.

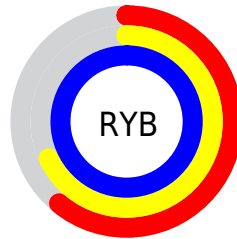
Distribution



Red (61%)

Green (69%)

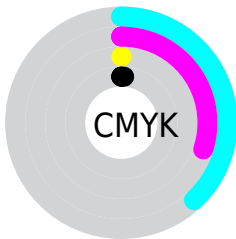
Blue (99%)



Red (61%)

Yellow (68%)

Blue (99%)

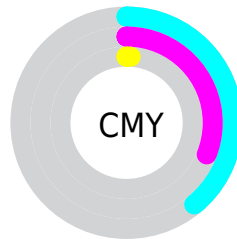


Cyan (38%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (39%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5405, 0.2462, 0.2385 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 45.5405, 0.2462, 0.2385 by changing the saturation by 10% instead.

■ 45.5405, 0.2462,
0.2385

■ 45.5405, 0.2462,
0.2385

368.9582, 0.2789,
0.2815

■ 31.8834, 0.2384,
0.2286

■ 83.5309, 0.2578,
0.2535

■ 21.2724, 0.2286,
0.2163

■ 108.6330, 0.2623,
0.2594

■ 13.3233, 0.2160,
0.2009

138.3188, 0.2661,
0.2644

■ 7.6515, 0.1994,
0.1810

172.9728, 0.2693,
0.2687

■ 3.8728, 0.1768,
0.1546

212.9793, 0.2722,
0.2725

■ 1.6027, 0.1448,
0.1192

258.7228, 0.2747,

■ 0.3594, 0.0976,

0.2758

0.0581

310.5876, 0.2769,
0.2788

0.0000, 0.0000,
0.0000

45.5405, 0.2462,
0.2385

45.5405, 0.2462,
0.2385

36.0532, 0.2268,
0.2095

56.6765, 0.2653,
0.2657

28.1290, 0.2078,
0.1798

69.5307, 0.2834,
0.2906

21.6820, 0.1903,
0.1507

84.1749, 0.3002,
0.3129

16.6158, 0.1754,
0.1238

99.8073, 0.3145,
0.3319

12.8208, 0.1641,
0.1008

■ 10.1631, 0.1567,
0.0830

■ 9.7552, 0.1556,
0.0802

Harmonies

Analogous

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



45.5405, 0.2167, 0.2476



45.5405, 0.2462, 0.2385



45.5405, 0.2952, 0.2497

Triad

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



45.5405, 0.2462, 0.2385



45.5405, 0.4274, 0.3621



45.5405, 0.2673, 0.3894

Complementary

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



45.5405, 0.2462, 0.2385



80.2850, 0.3774, 0.4053

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.



45.5405, 0.3216, 0.4282



45.5405, 0.2462, 0.2385



45.5405, 0.4159, 0.4038

Square

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



45.5405, 0.2462, 0.2385



45.5405, 0.4044, 0.3174



45.5405, 0.3763, 0.4310



45.5405, 0.2274, 0.3311

Rectangle

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



45.5405, 0.2462, 0.2385



45.5405, 0.3343, 0.2668



45.5405, 0.3763, 0.4310



45.5405, 0.2844, 0.4058

Sweetspot

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



45.5422, 0.2462, 0.2385



81.8586, 0.2954, 0.3066



82.3772, 0.2702, 0.3546



17.0768, 0.2932, 0.3036



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.



45.5422, 0.2462, 0.2385



38.8920, 0.2307, 0.2155



40.7307, 0.2606, 0.2181



17.2566, 0.2979, 0.3099



5.2575, 0.1563, 0.0826



0.6359, 0.1621, 0.1035

Inverse Universe

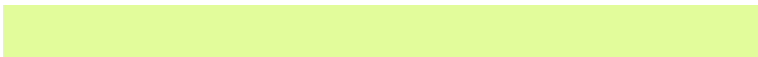
The Inverse Universe completely reimagines the original color for something new.



47.6675, 0.3863, 0.3070



42.0054, 0.4100, 0.3026



88.2486, 0.3523, 0.4299



17.2872, 0.3260, 0.3238



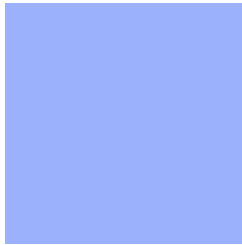
10.9416, 0.6028, 0.3095



1.0284, 0.5707, 0.2917

Previews

White Background



This preview shows how the Yxy color 45.5405, 0.2462, 0.2385 looks on a white background.

Color Contrast Check

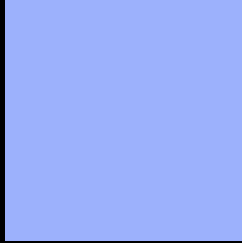
Large Text (above 18pt) WCAG AA × Fail

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 45.5405, 0.2462, 0.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

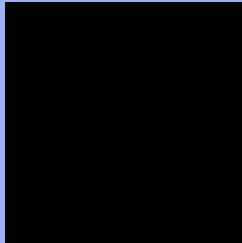
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5405, 0.2462, 0.2385

Background



This preview shows how black text looks on a background with the Yxy color 45.5405, 0.2462, 0.2385.



This preview shows how white text looks on a background with the Yxy color 45.5405, 0.2462, 0.2385.

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

45.5405, 0.2462, 0.2385

Protanopia

45.5405, 0.2462, 0.2385

Deuteranopia

45.7391, 0.2451, 0.2395



Tritanopia

45.7342, 0.2693, 0.3085

Trichromacy



Original Color

45.5405, 0.2462, 0.2385

Protanomaly

45.5405, 0.2462, 0.2385

Deuteranomaly

45.8376, 0.2457, 0.2396

Tritanomaly

45.3302, 0.2602, 0.2804

Monochromacy



Original Color

45.5405, 0.2462, 0.2385

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9549, 0.2856, 0.2927

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5405, 0.2462, 0.2385 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, 177, 252)` looks like.

```
.text, #text, p{  
    color:rgb(156, 177, 252)  
}
```

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, 177, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 177, 252) }
```

Border

The CSS property to change the border of an element to Yxy 45.5405, 0.2462, 0.2385 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, 177, 252) }
```

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

```
.border{ border-color:rgb(156, 177, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 177, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 177, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 177, 252);  
box-shadow:4px 4px 4px 4px rgb(156, 177,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5405, 0.2462, 0.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 177, 252) }
```

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

```
.background{ background-color: rgb(156,  
177, 252) }
```

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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