

Converting Colors

Yxy(33.4312, 0.2423, 0.2109)

Have a look what the booklet for
Yxy(33.4312, 0.2423, 0.2109)
contains.

Yxy(33.5483, 0.2425, 0.2110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.5483, 0.2425, 0.2110)

Conversions

Conversions Part 1

Format	Color
Hex	9593F0
RGB	149, 147, 240
RGB Percent	58%, 58%, 94%
CMY	0.4157, 0.4235, 0.0588
CMYK	0.38, 0.39, 0.00, 0.06
HSL	241°, 76%, 76%
HSV	241°, 39%, 94%
XYZ	38.5567, 33.5483, 86.8917
YIQ	158.2000, -28.6610, 29.3470

Conversions

Conversions Part 2

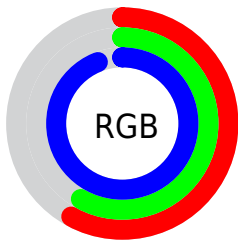
Format	Color
R _Y B	149, 147, 240
Decimal	9802736
CIE Lab	64.60, 22.71, -46.54
CIE LCh	65, 51.786, 296.008
Yxy	33.5483, 0.2425, 0.2110
Android (android.graphics.Color)	4287992816 (0xFF9593F0)
YUV	158.2000, 40.3274, -8.0684
Hunter-Lab	57.9209, 17.4621, -48.4010

Details

The Yxy color **33.5483, 0.2425, 0.2110** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **82.6160, 0.3694, 0.4257**, and the grayscale version is **34.1112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1151, 0.2803, 0.2704**, and **14.3480, 0.2223, 0.1829** is the 20% darker color. If you saturate the color by 10%, you get **24.8567, 0.2211, 0.1753**, and if you desaturate by 10%, it is **44.2449, 0.2632, 0.2456**.

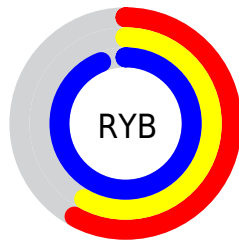
Distribution



Red (58%)

Green (58%)

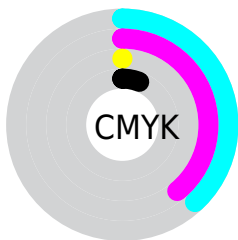
Blue (94%)



Red (58%)

Yellow (58%)

Blue (94%)

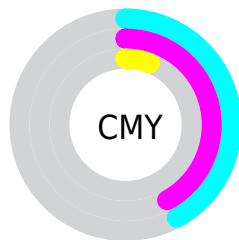


Cyan (38%)

Magenta (39%)

Yellow (0%)

Black (6%)



Cyan (42%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.5483, 0.2425, 0.2110 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 33.5483, 0.2425, 0.2110 by changing the saturation by 10% instead.

■ 33.5483, 0.2425,
0.2110

■ 33.5483, 0.2425,
0.2110

■ 318.1132, 0.2789,
0.2679

■ 22.5468, 0.2333,
0.1978

■ 65.2306, 0.2559,
0.2310

■ 14.2592, 0.2216,
0.1815

■ 86.6802, 0.2609,
0.2387

■ 8.3012, 0.2062,
0.1611

■ 112.3814, 0.2651,
0.2453

■ 4.2883, 0.1853,
0.1352

■ 142.7184, 0.2687,
0.2510

■ 1.8361, 0.1564,
0.1021

■ 178.0757, 0.2718,
0.2561

■ 0.5095, 0.1161,
0.0561

■ 218.8376, 0.2745,

■ 0.0000, 0.0000,

0.2605

0.0000

265.3887, 0.2768,
0.2644

■ 33.5483, 0.2425,
0.2110

■ 33.5483, 0.2425,
0.2110

■ 24.8567, 0.2211,
0.1753

■ 44.2449, 0.2632,
0.2456

■ 18.0418, 0.2001,
0.1406

■ 57.0566, 0.2823,
0.2777

■ 12.9664, 0.1813,
0.1097

■ 72.0899, 0.2994,
0.3066

■ 9.4730, 0.1662,
0.0851

■ 89.4432, 0.3145,
0.3320

■ 7.3758, 0.1560,
0.0689

■ 99.0721, 0.3214,
0.3434

■ 6.4092, 0.1509,
0.0610

■ 6.3253, 0.1505,
0.0603

Harmonies

Analogous

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



33.5483, 0.1947, 0.2113



33.5483, 0.2425, 0.2110



33.5483, 0.3158, 0.2342

Triad

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



33.5483, 0.2425, 0.2110



33.5483, 0.4706, 0.3894



33.5483, 0.2262, 0.3857

Complementary

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



33.5483, 0.2425, 0.2110



82.6160, 0.3694, 0.4257

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.



33.5483, 0.2935, 0.4587



33.5483, 0.2425, 0.2110



33.5483, 0.4356, 0.4444

Square

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



33.5483, 0.2425, 0.2110



33.5483, 0.4584, 0.3307



33.5483, 0.3702, 0.4770



33.5483, 0.1853, 0.3001

Rectangle

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



33.5483, 0.2425, 0.2110



33.5483, 0.3716, 0.2607



33.5483, 0.3702, 0.4770



33.5483, 0.2463, 0.4141

Sweetspot

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



33.5495, 0.2425, 0.2110



76.7630, 0.2940, 0.2975



73.9149, 0.2587, 0.3270



15.9389, 0.2918, 0.2937



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.



33.5495, 0.2425, 0.2110



29.9690, 0.2245, 0.1810



38.7704, 0.2785, 0.2218



15.2449, 0.2983, 0.3046



3.4693, 0.1507, 0.0604



0.2943, 0.1524, 0.0613

Inverse Universe

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



45.5704, 0.3189, 0.2351



45.6856, 0.3203, 0.2166



75.6361, 0.3363, 0.4374



16.0252, 0.3141, 0.3062



13.4228, 0.3263, 0.1571



1.1185, 0.3256, 0.1567

Previews

White Background



This preview shows how the Yxy color 33.5483, 0.2425, 0.2110 looks on a white background.

Color Contrast Check

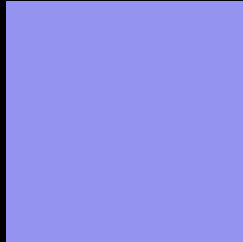
Large Text (above 18pt) WCAG AA × Fail

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 33.5483, 0.2425, 0.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

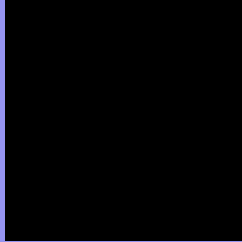
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5483, 0.2425, 0.2110

Background



This preview shows how black text looks on a background with the Yxy color 33.5483, 0.2425, 0.2110.



This preview shows how white text looks on a background with the Yxy color 33.5483, 0.2425, 0.2110.

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

33.5483, 0.2425, 0.2110

Protanopia

33.5739, 0.2234, 0.2080

Deuteranopia

33.7319, 0.2251, 0.2191



Tritanopia

33.5323, 0.2770, 0.3090

Trichromacy



Original Color

33.5483, 0.2425, 0.2110

Protanomaly

33.5704, 0.2298, 0.2090

Deuteranomaly

33.6816, 0.2310, 0.2159

Tritanomaly

33.3431, 0.2635, 0.2684

Monochromacy



Original Color

33.5483, 0.2425, 0.2110

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7106, 0.2842, 0.2806

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5483, 0.2425, 0.2110 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(149, 147, 240)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 240)  
}
```

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(149, 147, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 240) }
```

Border

The CSS property to change the border of an element to Yxy 33.5483, 0.2425, 0.2110 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(149, 147, 240) }
```

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

```
.border{ border-color:rgb(149, 147, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 240);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5483, 0.2425, 0.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 240) }
```

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

```
.background{ background-color: rgb(149,  
147, 240) }
```

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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