

Converting Colors

$Y_{xy}(33.6349, 0.2301, 0.1952)$

Have a look what the booklet for
Yxy(33.6349, 0.2301, 0.1952)
contains.

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Color

Yxy(33.6174, 0.2302, 0.1951)

Conversions

Conversions Part 1

Format	Color
Hex	8F92FF
RGB	143, 146, 255
RGB Percent	56%, 57%, 100%
CMY	0.4390, 0.4275, 0.0000
CMYK	0.44, 0.43, 0.00, 0.00
HSL	238°, 100%, 78%
HSV	238°, 44%, 100%
XYZ	39.6654, 33.6174, 99.0257
YIQ	157.5290, -36.7770, 33.2630

Conversions

Conversions Part 2

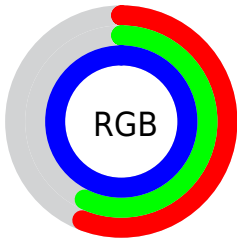
Format	Color
R _Y B	143, 146, 255
Decimal	9409279
CIE Lab	64.66, 25.98, -54.71
CIE LCh	65, 60.565, 295.406
Yxy	33.6174, 0.2302, 0.1951
Android (android.graphics.Color)	4287599359 (0xFF8F92FF)
YUV	157.5290, 48.0532, -12.7419
Hunter-Lab	57.9805, 20.6489, -60.6759

Details

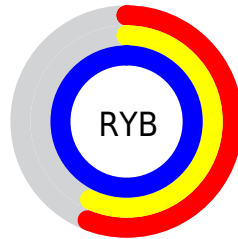
The Yxy color **33.6174, 0.2302, 0.1951** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92.9071, 0.3794, 0.4349**, and the grayscale version is **33.7617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9461, 0.2769, 0.2687**, and **14.3743, 0.2065, 0.1638** is the 20% darker color. If you saturate the color by 10%, you get **24.7520, 0.2088, 0.1599**, and if you desaturate by 10%, it is **44.6617, 0.2516, 0.2300**.

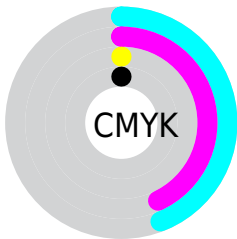
Distribution



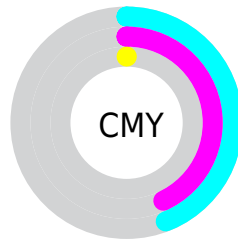
- Red (56%)
- Green (57%)
- Blue (100%)



- Red (56%)
- Yellow (57%)
- Blue (100%)



- Cyan (44%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6174, 0.2302, 0.1951 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 33.6174, 0.2302, 0.1951 by changing the saturation by 10% instead.

 33.6174, 0.2302,
0.1951


 33.6174, 0.2302,
0.1951


318.4227, 0.2725,
0.2583

 22.5998, 0.2198,
0.1809


 65.3383, 0.2455,
0.2170

 14.2983, 0.2067,
0.1637


 86.8103, 0.2513,
0.2255

 8.3284, 0.1898,
0.1425


112.5360, 0.2562,
0.2329

 4.3058, 0.1676,
0.1165

142.8997, 0.2604,
0.2393

 1.8461, 0.1380,
0.0847

178.2859, 0.2641,
0.2450

 0.5156, 0.0989,
0.0441

219.0788, 0.2672,

 0.0000, 0.0134,

0.2499

0.0000

265.6629, 0.2700,
0.2544

■ 0.0000, 0.0000,
0.0000

■ 33.6174, 0.2302,
0.1951

■ 33.6174, 0.2302,
0.1951

■ 24.7520, 0.2088,
0.1599

■ 44.6617, 0.2516,
0.2300

■ 17.9223, 0.1889,
0.1269

■ 58.0171, 0.2718,
0.2630

■ 12.9664, 0.1720,
0.0986

■ 73.8040, 0.2903,
0.2929

■ 9.6982, 0.1596,
0.0775

■ 92.1348, 0.3068,
0.3195

■ 7.8934, 0.1525,
0.0649

100.0000, 0.3127,
0.3290

■ 7.3651, 0.1503,
0.0611

Harmonies

Analogous

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



33.6174, 0.1779, 0.1952



33.6174, 0.2302, 0.1951



33.6174, 0.3134, 0.2206

Triad

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



33.6174, 0.2302, 0.1951



33.6174, 0.4949, 0.3924



33.6174, 0.2132, 0.3976

Complementary

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



33.6174, 0.2302, 0.1951



92.9071, 0.3794, 0.4349

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.



33.6174, 0.2897, 0.4850



33.6174, 0.2302, 0.1951



33.6174, 0.4528, 0.4570

Square

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



33.6174, 0.2302, 0.1951



33.6174, 0.4817, 0.3269



33.6174, 0.3772, 0.5010



33.6174, 0.1678, 0.2951

Rectangle

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



33.6174, 0.2302, 0.1951



33.6174, 0.3787, 0.2497



33.6174, 0.3772, 0.5010



33.6174, 0.2360, 0.4321

Sweetspot

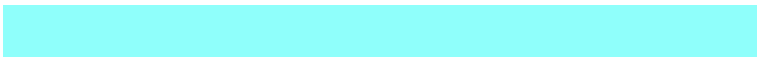
The Sweet Spot groups the original color and five complimentary colors.



33.6170, 0.2302, 0.1951



75.3511, 0.2919, 0.2955



84.3461, 0.2549, 0.3330



15.3256, 0.2880, 0.2892



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.



33.6170, 0.2302, 0.1951



25.4657, 0.2107, 0.1631



38.5213, 0.2679, 0.2045



17.4540, 0.2978, 0.3051



3.8814, 0.1504, 0.0616



0.4036, 0.1515, 0.0653

Inverse Universe

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



42.9949, 0.4269, 0.3263



36.0968, 0.4653, 0.3259



86.1671, 0.3424, 0.4520



17.9948, 0.3290, 0.3284



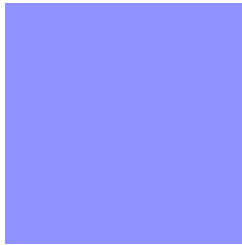
11.1198, 0.6374, 0.3285



1.0853, 0.6311, 0.3250

Previews

White Background



This preview shows how the Yxy color 33.6174, 0.2302, 0.1951 looks on a white background.

Color Contrast Check

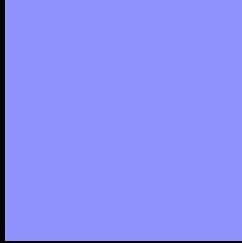
Large Text (above 18pt) WCAG AA × Fail

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 33.6174, 0.2302, 0.1951 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 33.6174, 0.2302, 0.1951

Background



This preview shows how black text looks on a background with the Yxy color 33.6174, 0.2302, 0.1951.



This preview shows how white text looks on a background with the Yxy color 33.6174, 0.2302, 0.1951.

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

33.6174, 0.2302, 0.1951

Protanopia

33.7155, 0.2161, 0.1989

Deuteranopia

33.8584, 0.2099, 0.2035



Tritanopia

33.4665, 0.2671, 0.3086

Trichromacy



Original Color

33.6174, 0.2302, 0.1951

Protanomaly

33.4683, 0.2208, 0.1967

Deuteranomaly

33.5831, 0.2160, 0.1996

Tritanomaly

33.2675, 0.2522, 0.2598

Monochromacy



Original Color

33.6174, 0.2302, 0.1951

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7338, 0.2785, 0.2738

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6174, 0.2302, 0.1951 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(143, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 146, 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(143, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 146, 255) }
```

Border

The CSS property to change the border of an element to Yxy 33.6174, 0.2302, 0.1951 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(143, 146, 255) }
```

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

```
.border{ border-color:rgb(143, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 146, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 146, 255); box-shadow:4px 4px 4px 4px rgb(143, 146, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6174, 0.2302, 0.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 146, 255) }
```

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

```
.background{ background-color: rgb(143,  
146, 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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