

Converting Colors

$Y_{xy}(33.0439, 0.2286, 0.1932)$

Have a look what the booklet for
Yxy(33.0439, 0.2286, 0.1932)
contains.

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Color

Yxy(33.1335, 0.2287, 0.1935)

Conversions

Conversions Part 1

Format	Color
Hex	8D91FF
RGB	141, 145, 255
RGB Percent	55%, 57%, 100%
CMY	0.4470, 0.4314, 0.0000
CMYK	0.45, 0.43, 0.00, 0.00
HSL	238°, 100%, 78%
HSV	238°, 45%, 100%
XYZ	39.1609, 33.1335, 98.9382
YIQ	156.3440, -37.6940, 33.3620

Conversions

Conversions Part 2

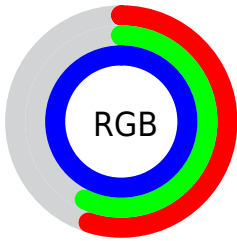
Format	Color
RYB	141, 145, 255
Decimal	9277951
CIELab	64.27, 26.07, -55.32
CIELCh	64, 61.156, 295.232
Yxy	33.1335, 0.2287, 0.1935
Android (android.graphics.Color)	4287468031 (0xFF8D91FF)
YUV	156.3440, 48.6374, -13.4567
Hunter-Lab	57.5617, 20.7057, -61.6156

Details

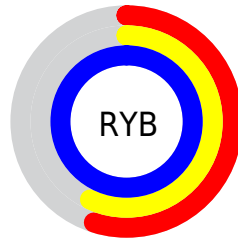
The Yxy color **33.1335, 0.2287, 0.1935** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92.1865, 0.3809, 0.4359**, and the grayscale version is **33.2001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2090, 0.2754, 0.2674**, and **14.1006, 0.2048, 0.1618** is the 20% darker color. If you saturate the color by 10%, you get **24.4271, 0.2075, 0.1586**, and if you desaturate by 10%, it is **43.9854, 0.2500, 0.2282**.

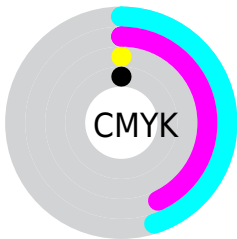
Distribution



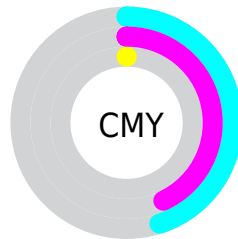
- Red (55%)
- Green (57%)
- Blue (100%)



- Red (55%)
- Yellow (57%)
- Blue (100%)



- Cyan (45%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1335, 0.2287, 0.1935 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 33.1335, 0.2287, 0.1935 by changing the saturation by 10% instead.


 33.1335, 0.2287,
0.1935


 33.1335, 0.2287,
0.1935


316.2509, 0.2718,
0.2575

 22.2287, 0.2181,
0.1791


 64.5839, 0.2443,
0.2156

 14.0251, 0.2048,
0.1617


 85.8983, 0.2502,
0.2243

 8.1381, 0.1876,
0.1404


111.4514, 0.2552,
0.2318

 4.1834, 0.1651,
0.1141

141.6276, 0.2595,
0.2383

 1.7767, 0.1350,
0.0822

176.8112, 0.2632,
0.2440

 0.4726, 0.0957,
0.0408

217.3867, 0.2664,


 0.0000, 0.0063,


0.2490

0.0000


263.7385, 0.2693,
0.2535

 0.0000, 0.0000,
0.0000


 33.1335, 0.2287,
0.1935


 33.1335, 0.2287,
0.1935


 24.4271, 0.2075,
0.1586


 43.9854, 0.2500,
0.2282


 17.7206, 0.1877,
0.1259

 57.1083, 0.2703,
0.2611

 12.8560, 0.1712,
0.0980

 72.6222, 0.2889,
0.2910

 9.6501, 0.1591,
0.0772

 90.6378, 0.3056,
0.3176

 7.8817, 0.1523,
0.0648

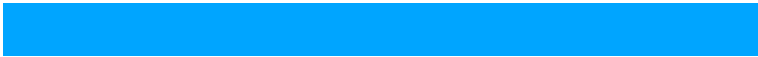
100.0000, 0.3127,
0.3290

■ 7.4135, 0.1504,
0.0615

Harmonies

Analogous

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



33.1335, 0.1761, 0.1937



33.1335, 0.2287, 0.1935



33.1335, 0.3128, 0.2191

Triad

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



33.1335, 0.2287, 0.1935



33.1335, 0.4973, 0.3923



33.1335, 0.2122, 0.3993

Complementary

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



33.1335, 0.2287, 0.1935



92.1865, 0.3809, 0.4359

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.



33.1335, 0.2897, 0.4880



33.1335, 0.2287, 0.1935



33.1335, 0.4547, 0.4579

Square

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



33.1335, 0.2287, 0.1935



33.1335, 0.4839, 0.3262



33.1335, 0.3782, 0.5033



33.1335, 0.1662, 0.2949

Rectangle

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



33.1335, 0.2287, 0.1935



33.1335, 0.3790, 0.2484



33.1335, 0.3782, 0.5033



33.1335, 0.2353, 0.4343

Sweetspot

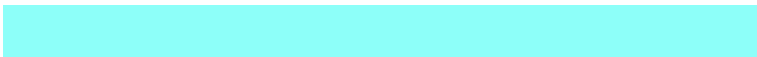
The Sweet Spot groups the original color and five complimentary colors.



33.1347, 0.2287, 0.1935



75.5062, 0.2919, 0.2958



84.0420, 0.2549, 0.3353



15.3632, 0.2880, 0.2896



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.



33.1347, 0.2287, 0.1935



24.9700, 0.2089, 0.1610



37.5206, 0.2653, 0.2016



17.4795, 0.2978, 0.3053



3.9178, 0.1506, 0.0621



0.4157, 0.1520, 0.0670

Inverse Universe

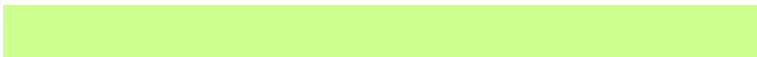
The Inverse Universe completely reimagines the original color for something new.



42.3582, 0.4290, 0.3252



35.4606, 0.4684, 0.3247



86.2392, 0.3441, 0.4538



17.9974, 0.3289, 0.3282



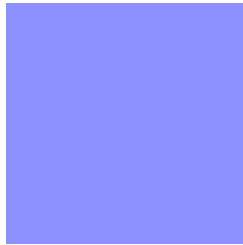
11.1235, 0.6365, 0.3280



1.0865, 0.6282, 0.3234

Previews

White Background



This preview shows how the Yxy color 33.1335, 0.2287, 0.1935 looks on a white background.

Color Contrast Check

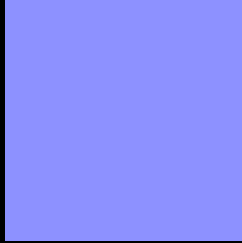
Large Text (above 18pt) WCAG AA × Fail

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 33.1335, 0.2287, 0.1935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

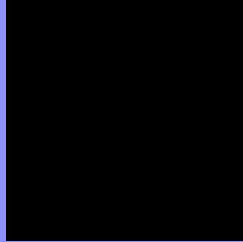
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1335, 0.2287, 0.1935

Background



This preview shows how black text looks on a background with the Yxy color 33.1335, 0.2287, 0.1935.



This preview shows how white text looks on a background with the Yxy color 33.1335, 0.2287, 0.1935.

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

33.1335, 0.2287, 0.1935

Protanopia

33.2539, 0.2148, 0.1972

Deuteranopia

33.3556, 0.2083, 0.2017



Tritanopia

33.3220, 0.2656, 0.3085

Trichromacy



Original Color

33.1335, 0.2287, 0.1935

Protanomaly

33.0000, 0.2194, 0.1951

Deuteranomaly

33.0570, 0.2142, 0.1978

Tritanomaly

32.7739, 0.2505, 0.2581

Monochromacy



Original Color

33.1335, 0.2287, 0.1935

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8416, 0.2774, 0.2719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1335, 0.2287, 0.1935 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, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 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, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 255) }
```

Border

The CSS property to change the border of an element to Yxy 33.1335, 0.2287, 0.1935 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, 145, 255) }
```

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

```
.border{ border-color:rgb(141, 145, 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, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1335, 0.2287, 0.1935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 255) }
```

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

```
.background{ background-color: rgb(141,  
145, 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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