

Converting Colors

$Y_{xy}(31.7191, 0.2279, 0.1854)$

Have a look what the booklet for
Yxy(31.7191, 0.2279, 0.1854)
contains.

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Color

Yxy(31.5249, 0.2287, 0.1868)

Conversions

Conversions Part 1

Format	Color
Hex	8F8BFF
RGB	143, 139, 255
RGB Percent	56%, 55%, 100%
CMY	0.4396, 0.4548, 0.0001
CMYK	0.44, 0.45, 0.00, 0.00
HSL	242°, 100%, 77%
HSV	242°, 45%, 100%
XYZ	38.5961, 31.5249, 98.6419
YIQ	153.4200, -34.8520, 36.9240

Conversions

Conversions Part 2

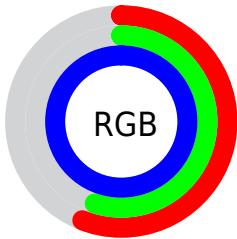
Format	Color
RYB	143, 139, 255
Decimal	9407487
CIELab	62.95, 29.96, -57.40
CIElCh	63, 64.754, 297.564
Yxy	31.5249, 0.2287, 0.1868
Android (android.graphics.Color)	4287597567 (0xFF8F8BFF)
YUV	153.4200, 50.0789, -9.1383
Hunter-Lab	56.1470, 24.4455, -64.8607

Details

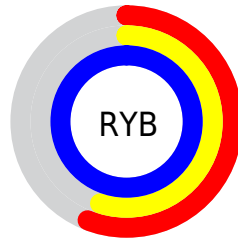
The Yxy color **31.5249, 0.2287, 0.1868** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.9013, 0.3776, 0.4419**, and the grayscale version is **31.8329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7774, 0.2763, 0.2608**, and **13.1533, 0.2043, 0.1535** is the 20% darker color. If you saturate the color by 10%, you get **23.0195, 0.2075, 0.1515**, and if you desaturate by 10%, it is **42.2373, 0.2499, 0.2224**.

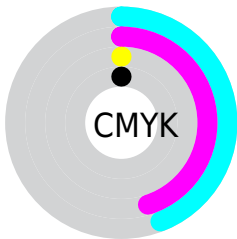
Distribution



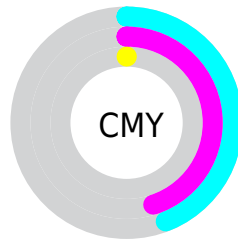
- Red (56%)
- Green (55%)
- Blue (100%)



- Red (56%)
- Yellow (55%)
- Blue (100%)



- Cyan (44%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5249, 0.2287, 0.1868 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 31.5249, 0.2287, 0.1868 by changing the saturation by 10% instead.


 31.5249, 0.2287,
0.1868


 31.5249, 0.2287,
0.1868


308.9493, 0.2722,
0.2538

 20.9989, 0.2179,
0.1719

 62.0655, 0.2446,
0.2099

 13.1232, 0.2043,
0.1538

 82.8489, 0.2505,
0.2189

 7.5134, 0.1868,
0.1319


 107.8202, 0.2556,
0.2268

 3.7852, 0.1637,
0.1052

137.3639, 0.2599,
0.2336

 1.5542, 0.1329,
0.0733

171.8642, 0.2636,
0.2396

 0.3264, 0.0934,
0.0288

211.7056, 0.2668,

 0.0000, 0.0000,

0.2448

0.0000

257.2725, 0.2697,
0.2496

■ 31.5249, 0.2287,
0.1868

■ 31.5249, 0.2287,
0.1868

■ 23.0195, 0.2075,
0.1515

■ 42.2373, 0.2499,
0.2224

■ 16.5644, 0.1878,
0.1191

■ 55.2922, 0.2700,
0.2563

■ 11.9875, 0.1712,
0.0922

■ 70.8181, 0.2884,
0.2874

■ 9.0874, 0.1592,
0.0732

■ 88.9333, 0.3047,
0.3152

■ 7.6163, 0.1523,
0.0629

99.9988, 0.3127,
0.3290

■ 7.2738, 0.1507,
0.0604

Harmonies

Analogous

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



31.5249, 0.1710, 0.1844



31.5249, 0.2287, 0.1868



31.5249, 0.3203, 0.2156

Triad

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



31.5249, 0.2287, 0.1868



31.5249, 0.5077, 0.3991



31.5249, 0.1996, 0.3954

Complementary

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



31.5249, 0.2287, 0.1868



93.9013, 0.3776, 0.4419

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.



31.5249, 0.2794, 0.4970



31.5249, 0.2287, 0.1868



31.5249, 0.4569, 0.4693

Square

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



31.5249, 0.2287, 0.1868



31.5249, 0.5001, 0.3296



31.5249, 0.3732, 0.5178



31.5249, 0.1550, 0.2838

Rectangle

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



31.5249, 0.2287, 0.1868



31.5249, 0.3919, 0.2473



31.5249, 0.3732, 0.5178



31.5249, 0.2230, 0.4347

Sweetspot

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



31.5260, 0.2287, 0.1868



73.3326, 0.2909, 0.2917



81.7778, 0.2509, 0.3244



14.9154, 0.2872, 0.2854



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.



31.5260, 0.2287, 0.1868



23.3778, 0.2085, 0.1532



38.0939, 0.2721, 0.2019



17.4067, 0.2984, 0.3044



3.8139, 0.1510, 0.0605



0.3811, 0.1533, 0.0618

Inverse Universe

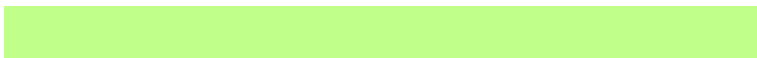
The Inverse Universe completely reimagines the original color for something new.



46.7032, 0.3212, 0.2209



40.3860, 0.3230, 0.2018



84.7293, 0.3381, 0.4588



18.2893, 0.3143, 0.3064



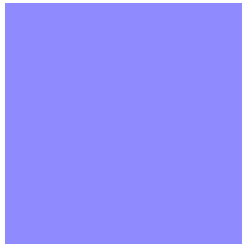
14.6053, 0.3295, 0.1589



1.4252, 0.3284, 0.1583

Previews

White Background



This preview shows how the Yxy color 31.5249, 0.2287, 0.1868 looks on a white background.

Color Contrast Check

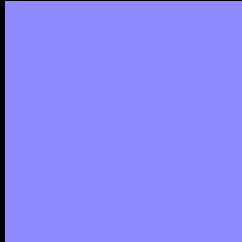
Large Text (above 18pt) WCAG AA × Fail

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 31.5249, 0.2287, 0.1868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

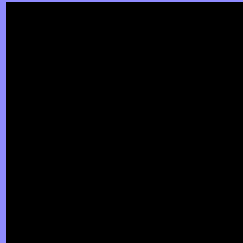
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5249, 0.2287, 0.1868

Background



This preview shows how black text looks on a background with the Yxy color 31.5249, 0.2287, 0.1868.



This preview shows how white text looks on a background with the Yxy color 31.5249, 0.2287, 0.1868.

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

31.5249, 0.2287, 0.1868

Protanopia

31.8407, 0.2105, 0.1923

Deuteranopia

31.8370, 0.2040, 0.1975



Tritanopia

31.4589, 0.2690, 0.3082

Trichromacy



Original Color

31.5249, 0.2287, 0.1868

Protanomaly

31.4639, 0.2162, 0.1893

Deuteranomaly

31.3975, 0.2110, 0.1927

Tritanomaly

31.0646, 0.2521, 0.2544

Monochromacy



Original Color

31.5249, 0.2287, 0.1868

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.2871, 0.2768, 0.2683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5249, 0.2287, 0.1868 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, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 139, 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, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 139, 255) }
```

Border

The CSS property to change the border of an element to Yxy 31.5249, 0.2287, 0.1868 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, 139, 255) }
```

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

```
.border{ border-color:rgb(143, 139, 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, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 139,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5249, 0.2287, 0.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 139, 255) }
```

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

```
.background{ background-color: rgb(143,  
139, 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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