

Converting Colors

$Y_{xy}(30.5249, 0.2320, 0.1908)$

Have a look what the booklet for
Yxy(30.5249, 0.2320, 0.1908)
contains.

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Color

Yxy(30.5083, 0.2319, 0.1901)

Conversions

Conversions Part 1

Format	Color
Hex	8F89F8
RGB	143, 137, 248
RGB Percent	56%, 54%, 97%
CMY	0.4393, 0.4627, 0.0273
CMYK	0.42, 0.45, 0.00, 0.03
HSL	243°, 89%, 75%
HSV	243°, 45%, 97%
XYZ	37.2166, 30.5083, 92.7606
YIQ	151.4480, -32.0550, 35.7930

Conversions

Conversions Part 2

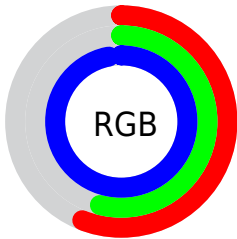
Format	Color
R_{YB}	143, 137, 248
Decimal	9406968
CIE _{Lab}	62.09, 29.20, -54.96
CIE _{LCh}	62, 62.233, 297.980
Yxy	30.5083, 0.2319, 0.1901
Android (android.graphics.Color)	4287597048 (0xFF8F89F8)
YUV	151.4480, 47.6001, -7.4089
Hunter-Lab	55.2343, 23.6123, -60.9077

Details

The Yxy color **30.5083, 0.2319, 0.1901** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **87.8505, 0.3750, 0.4409**, and the grayscale version is **30.9507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4644, 0.2761, 0.2574**, and **12.5564, 0.2080, 0.1569** is the 20% darker color. If you saturate the color by 10%, you get **22.3699, 0.2109, 0.1550**, and if you desaturate by 10%, it is **40.7076, 0.2527, 0.2253**.

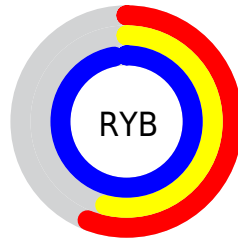
Distribution



Red (56%)

Green (54%)

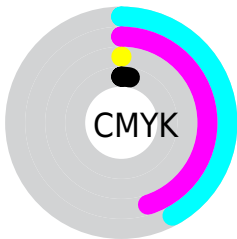
Blue (97%)



Red (56%)

Yellow (54%)

Blue (97%)

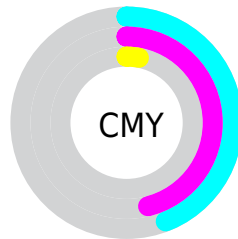


Cyan (42%)

Magenta (45%)

Yellow (0%)

Black (3%)



Cyan (44%)


Magenta (46%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5083, 0.2319, 0.1901 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 30.5083, 0.2319, 0.1901 by changing the saturation by 10% instead.


 30.5083, 0.2319,
0.1901


 30.5083, 0.2319,
0.1901


304.2666, 0.2741,
0.2562

 20.2247, 0.2213,
0.1752


 60.4651, 0.2474,
0.2130

 12.5585, 0.2078,
0.1570


 80.9071, 0.2532,
0.2220

 7.1252, 0.1903,
0.1348


 105.5041, 0.2581,
0.2297

 3.5405, 0.1670,
0.1075

134.6403, 0.2623,
0.2364

 1.4200, 0.1355,
0.0746

168.7003, 0.2658,
0.2423

 0.2314, 0.0948,
0.0234

208.0685, 0.2690,

 0.0000, 0.0000,

0.2475

0.0000

253.1291, 0.2717,
0.2521

■ 30.5083, 0.2319,
0.1901

■ 30.5083, 0.2319,
0.1901

■ 22.3699, 0.2109,
0.1550

■ 40.7076, 0.2527,
0.2253

■ 16.1490, 0.1911,
0.1224

■ 53.0915, 0.2723,
0.2589

■ 11.6891, 0.1740,
0.0950

■ 67.7780, 0.2901,
0.2896

■ 8.8076, 0.1612,
0.0751

■ 84.8755, 0.3059,
0.3171

■ 7.2816, 0.1534,
0.0638

■ 99.5594, 0.3167,
0.3357

■ 6.8675, 0.1512,
0.0606

Harmonies

Analogous

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



30.5083, 0.1747, 0.1875



30.5083, 0.2319, 0.1901



30.5083, 0.3217, 0.2187

Triad

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



30.5083, 0.2319, 0.1901



30.5083, 0.5027, 0.3995



30.5083, 0.2018, 0.3919

Complementary

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



30.5083, 0.2319, 0.1901



87.8505, 0.3750, 0.4409

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.



30.5083, 0.2796, 0.4906



30.5083, 0.2319, 0.1901



30.5083, 0.4531, 0.4676

Square

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



30.5083, 0.2319, 0.1901



30.5083, 0.4956, 0.3312



30.5083, 0.3713, 0.5129



30.5083, 0.1582, 0.2842

Rectangle

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



30.5083, 0.2319, 0.1901



30.5083, 0.3913, 0.2500



30.5083, 0.3713, 0.5129



30.5083, 0.2246, 0.4299

Sweetspot

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



30.5094, 0.2319, 0.1901



75.1714, 0.2930, 0.2947



75.8897, 0.2513, 0.3224



15.2821, 0.2894, 0.2883



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.



30.5094, 0.2319, 0.1901



24.3501, 0.2123, 0.1573



36.6875, 0.2745, 0.2047



16.6875, 0.2987, 0.3045



3.7266, 0.1516, 0.0609



0.3603, 0.1555, 0.0630

Inverse Universe

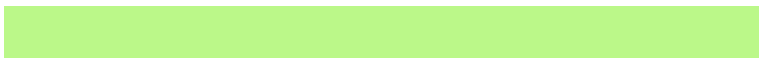
The Inverse Universe completely reimagines the original color for something new.



44.2701, 0.3230, 0.2245



40.8050, 0.3254, 0.2058



79.5224, 0.3366, 0.4569



17.5075, 0.3146, 0.3069



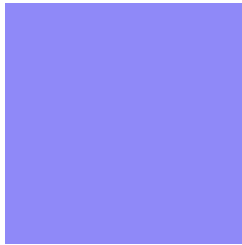
14.0173, 0.3349, 0.1618



1.3030, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 30.5083, 0.2319, 0.1901 looks on a white background.

Color Contrast Check

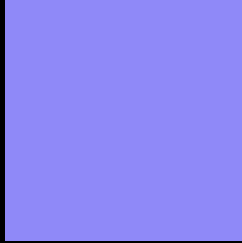
Large Text (above 18pt) WCAG AA × Fail

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 30.5083, 0.2319, 0.1901 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 30.5083, 0.2319, 0.1901

Background



This preview shows how black text looks on a background with the Yxy color 30.5083, 0.2319, 0.1901.



This preview shows how white text looks on a background with the Yxy color 30.5083, 0.2319, 0.1901.

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

30.5083, 0.2319, 0.1901

Protanopia

30.6613, 0.2077, 0.1877

Deuteranopia

30.5789, 0.2068, 0.2001



Tritanopia

30.4808, 0.2724, 0.3081

Trichromacy



Original Color

30.5083, 0.2319, 0.1901

Protanomaly

30.5247, 0.2158, 0.1890

Deuteranomaly

30.1558, 0.2140, 0.1952

Tritanomaly

29.9569, 0.2556, 0.2563

Monochromacy



Original Color

30.5083, 0.2319, 0.1901

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3988, 0.2789, 0.2704

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5083, 0.2319, 0.1901 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, 137, 248)` looks like.

```
.text, #text, p{  
    color:rgb(143, 137, 248)  
}
```

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, 137, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 137, 248) }
```

Border

The CSS property to change the border of an element to Yxy 30.5083, 0.2319, 0.1901 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, 137, 248) }
```

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

```
.border{ border-color:rgb(143, 137, 248) }
```

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

Here you see how a box with a 4 pixel rgb(143, 137, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 137, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 137, 248);  
box-shadow:4px 4px 4px 4px rgb(143, 137,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5083, 0.2319, 0.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 137, 248) }
```

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

```
.background{ background-color: rgb(143,  
137, 248) }
```

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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