

Converting Colors

$Y_{xy}(29.5509, 0.2313, 0.1859)$

Have a look what the booklet for
Yxy(29.5509, 0.2313, 0.1859)
contains.

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Color

Yxy(29.6671, 0.2313, 0.1865)

Conversions

Conversions Part 1

Format	Color
Hex	8F86F8
RGB	143, 134, 248
RGB Percent	56%, 53%, 97%
CMY	0.4394, 0.4745, 0.0274
CMYK	0.42, 0.46, 0.00, 0.03
HSL	245°, 89%, 75%
HSV	245°, 46%, 97%
XYZ	36.7936, 29.6671, 92.6123
YIQ	149.6870, -31.2300, 37.3620

Conversions

Conversions Part 2

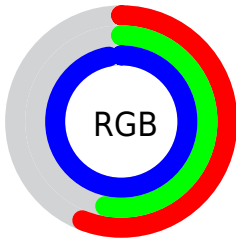
Format	Color
R_{YB}	143, 134, 248
Decimal	9406200
CIE _{Lab}	61.37, 30.93, -56.11
CIE _{LCh}	61, 64.066, 298.866
Yxy	29.6671, 0.2313, 0.1865
Android (android.graphics.Color)	4287596280 (0xFF8F86F8)
YUV	149.6870, 48.4683, -5.8645
Hunter-Lab	54.4675, 25.2611, -62.6848

Details

The Yxy color **29.6671, 0.2313, 0.1865** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **87.2334, 0.3745, 0.4445**, and the grayscale version is **30.1596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1782, 0.2758, 0.2541**, and **12.0335, 0.2063, 0.1521** is the 20% darker color. If you saturate the color by 10%, you get **21.7613, 0.2106, 0.1518**, and if you desaturate by 10%, it is **39.5979, 0.2518, 0.2216**.

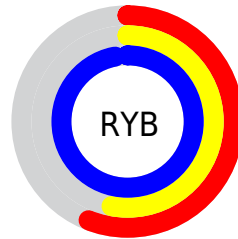
Distribution



Red (56%)

Green (53%)

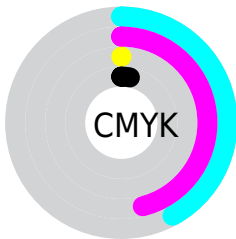
Blue (97%)



Red (56%)

Yellow (53%)

Blue (97%)

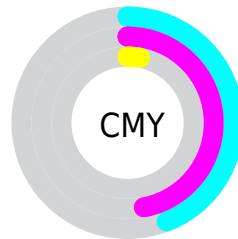


Cyan (42%)

Magenta (46%)

Yellow (0%)

Black (3%)



Cyan (44%)


Magenta (47%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6671, 0.2313, 0.1865 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 29.6671, 0.2313, 0.1865 by changing the saturation by 10% instead.


 29.6671, 0.2313,
0.1865


 29.6671, 0.2313,
0.1865


300.3496, 0.2741,
0.2542

 19.5860, 0.2205,
0.1713


 59.1353, 0.2470,
0.2100

 12.0945, 0.2068,
0.1528


 79.2913, 0.2529,
0.2191

 6.8081, 0.1890,
0.1302


 103.5743, 0.2578,
0.2270

 3.3424, 0.1653,
0.1027

132.3688, 0.2621,
0.2339

 1.3130, 0.1333,
0.0698

166.0592, 0.2657,
0.2399

 0.1512, 0.0926,
0.0156

205.0299, 0.2688,

 0.0000, 0.0000,

0.2453

0.0000

249.6652, 0.2716,
0.2500

■ 29.6671, 0.2313,
0.1865

■ 29.6671, 0.2313,
0.1865

■ 21.7613, 0.2106,
0.1518

■ 39.5979, 0.2518,
0.2216

■ 15.7379, 0.1911,
0.1198

■ 51.6769, 0.2712,
0.2552

■ 11.4408, 0.1743,
0.0932

■ 66.0210, 0.2888,
0.2862

■ 8.6872, 0.1617,
0.0742

■ 82.7380, 0.3044,
0.3140

■ 7.2525, 0.1538,
0.0636

■ 99.5587, 0.3167,
0.3357

■ 6.9220, 0.1519,
0.0610

Harmonies

Analogous

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



29.6671, 0.1718, 0.1828



29.6671, 0.2313, 0.1865



29.6671, 0.3249, 0.2165

Triad

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



29.6671, 0.2313, 0.1865



29.6671, 0.5081, 0.4024



29.6671, 0.1958, 0.3907

Complementary

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



29.6671, 0.2313, 0.1865



87.2334, 0.3745, 0.4445

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.



29.6671, 0.2749, 0.4958



29.6671, 0.2313, 0.1865



29.6671, 0.4547, 0.4730

Square

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



29.6671, 0.2313, 0.1865



29.6671, 0.5037, 0.3323



29.6671, 0.3694, 0.5204



29.6671, 0.1527, 0.2791

Rectangle

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



29.6671, 0.2313, 0.1865



29.6671, 0.3973, 0.2490



29.6671, 0.3694, 0.5204



29.6671, 0.2188, 0.4308

Sweetspot

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



29.6681, 0.2313, 0.1865



73.5857, 0.2920, 0.2919



74.4170, 0.2496, 0.3199



14.9760, 0.2884, 0.2856



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.



29.6681, 0.2313, 0.1865



23.8422, 0.2124, 0.1548



35.9216, 0.2748, 0.2018



16.7081, 0.2991, 0.3045



3.7612, 0.1524, 0.0613



0.3701, 0.1580, 0.0644

Inverse Universe

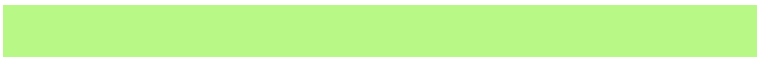
The Inverse Universe completely reimagines the original color for something new.



43.2498, 0.3259, 0.2243



39.9953, 0.3289, 0.2066



78.9889, 0.3358, 0.4612



17.4997, 0.3150, 0.3074



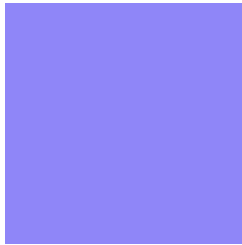
13.8318, 0.3417, 0.1656



1.2879, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 29.6671, 0.2313, 0.1865 looks on a white background.

Color Contrast Check

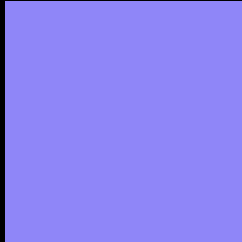
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6671, 0.2313, 0.1865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

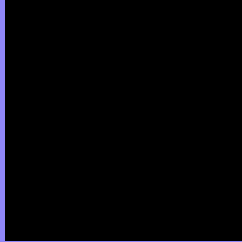
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6671, 0.2313, 0.1865

Background



This preview shows how black text looks on a background with the Yxy color 29.6671, 0.2313, 0.1865.



This preview shows how white text looks on a background with the Yxy color 29.6671, 0.2313, 0.1865.

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

29.6671, 0.2313, 0.1865

Protanopia

29.8192, 0.2052, 0.1845

Deuteranopia

30.0188, 0.2044, 0.1981



Tritanopia

29.6367, 0.2736, 0.3094

Trichromacy



Original Color

29.6671, 0.2313, 0.1865

Protanomaly

29.4293, 0.2134, 0.1846

Deuteranomaly

29.6645, 0.2122, 0.1934

Tritanomaly

29.2437, 0.2566, 0.2558

Monochromacy



Original Color

29.6671, 0.2313, 0.1865

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6947, 0.2778, 0.2672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6671, 0.2313, 0.1865 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, 134, 248)` looks like.

```
.text, #text, p{  
  color:rgb(143, 134, 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, 134, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 134, 248) }
```

Border

The CSS property to change the border of an element to Yxy 29.6671, 0.2313, 0.1865 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, 134, 248) }
```

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

```
.border{ border-color:rgb(143, 134, 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, 134, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 134, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 134, 248);  
box-shadow:4px 4px 4px 4px rgb(143, 134,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6671, 0.2313, 0.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 134, 248) }
```

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

```
.background{ background-color: rgb(143,  
134, 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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