

Converting Colors

$Yxy(27.4561, 0.2400, 0.2057)$

Have a look what the booklet for
Yxy(27.4561, 0.2400, 0.2057)
contains.

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Color

Yxy(27.3911, 0.2397, 0.2052)

Conversions

Conversions Part 1

Format	Color
Hex	8885E0
RGB	136, 133, 224
RGB Percent	53%, 52%, 88%
CMY	0.4665, 0.4784, 0.1217
CMYK	0.39, 0.41, 0.00, 0.12
HSL	242°, 59%, 70%
HSV	242°, 41%, 88%
XYZ	31.9963, 27.3911, 74.0975
YIQ	144.2710, -27.4230, 28.9370

Conversions

Conversions Part 2

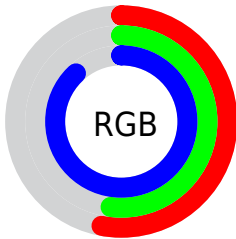
Format	Color
R _Y B	136, 133, 224
Decimal	8947168
CIE Lab	59.33, 23.10, -46.03
CIE LCh	59, 51.504, 296.653
Yxy	27.3911, 0.2397, 0.2052
Android (android.graphics.Color)	4287137248 (0xFF8885E0)
YUV	144.2710, 39.3064, -7.2537
Hunter-Lab	52.3365, 17.5385, -47.3066

Details

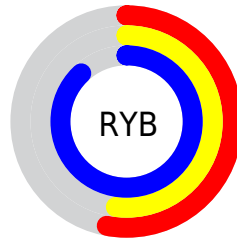
The Yxy color **27.3911, 0.2397, 0.2052** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **70.3467, 0.3709, 0.4300**, and the grayscale version is **27.8544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5443, 0.2695, 0.2516**, and **10.9171, 0.2164, 0.1733** is the 20% darker color. If you saturate the color by 10%, you get **20.2659, 0.2185, 0.1698**, and if you desaturate by 10%, it is **36.1917, 0.2603, 0.2399**.

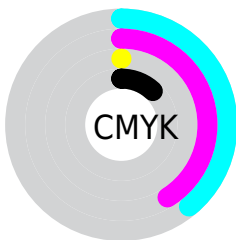
Distribution



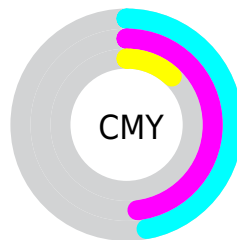
- Red (53%)
- Green (52%)
- Blue (88%)



- Red (53%)
- Yellow (52%)
- Blue (88%)



- Cyan (39%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)





- Cyan (47%)
- Magenta (48%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3911, 0.2397, 0.2052 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 27.3911, 0.2397, 0.2052 by changing the saturation by 10% instead.


 27.3911, 0.2397,
0.2052


 27.3911, 0.2397,
0.2052


289.5458, 0.2788,
0.2665


 17.8672, 0.2295,
0.1906


 55.5108, 0.2543,
0.2271

 10.8547, 0.2162,
0.1724


 74.8754, 0.2597,
0.2354

 5.9692, 0.1985,
0.1493


 98.2890, 0.2642,
0.2426

 2.8264, 0.1740,
0.1199

126.1360, 0.2680,
0.2487

 1.0418, 0.1394,
0.0825

158.8008, 0.2713,
0.2540

 0.0000, 0.0871,
0.0000

196.6677, 0.2741,

 0.0000, 0.0000,

0.2587

0.0000

240.1213, 0.2766,
0.2628

■ 27.3911, 0.2397,
0.2052

■ 27.3911, 0.2397,
0.2052

■ 20.2659, 0.2185,
0.1698

■ 36.1917, 0.2603,
0.2399

■ 14.7070, 0.1979,
0.1357

■ 46.7614, 0.2795,
0.2723

■ 10.5974, 0.1796,
0.1058

■ 59.1906, 0.2967,
0.3016

■ 7.8021, 0.1651,
0.0825

■ 73.5627, 0.3118,
0.3275

■ 6.1610, 0.1555,
0.0675

■ 89.9559, 0.3250,
0.3501

■ 5.4284, 0.1508,
0.0604

■ 98.1600, 0.3310,
0.3592

Harmonies

Analogous

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



27.3911, 0.1892, 0.2047



27.3911, 0.2397, 0.2052



27.3911, 0.3175, 0.2300

Triad

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



27.3911, 0.2397, 0.2052



27.3911, 0.4795, 0.3926



27.3911, 0.2195, 0.3874

Complementary

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



27.3911, 0.2397, 0.2052



70.3467, 0.3709, 0.4300

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.



27.3911, 0.2898, 0.4670



27.3911, 0.2397, 0.2052



27.3911, 0.4407, 0.4510

Square

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



27.3911, 0.2397, 0.2052



27.3911, 0.4685, 0.3312



27.3911, 0.3707, 0.4867



27.3911, 0.1778, 0.2958

Rectangle

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



27.3911, 0.2397, 0.2052



27.3911, 0.3770, 0.2579



27.3911, 0.3707, 0.4867



27.3911, 0.2404, 0.4182

Sweetspot

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



27.3921, 0.2397, 0.2052



76.8224, 0.2943, 0.2975



62.0446, 0.2565, 0.3250



15.9527, 0.2921, 0.2937



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.



27.3921, 0.2397, 0.2052



28.2860, 0.2211, 0.1742



32.0404, 0.2779, 0.2171



13.2651, 0.2986, 0.3048



3.1706, 0.1511, 0.0606



0.2276, 0.1543, 0.0624

Inverse Universe

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



37.8326, 0.3202, 0.2322



44.1921, 0.3219, 0.2135



64.1529, 0.3360, 0.4430



13.9273, 0.3143, 0.3067



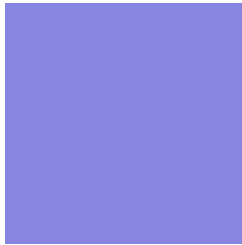
12.1289, 0.3294, 0.1588



0.8432, 0.3280, 0.1581

Previews

White Background



This preview shows how the Yxy color 27.3911, 0.2397, 0.2052 looks on a white background.

Color Contrast Check

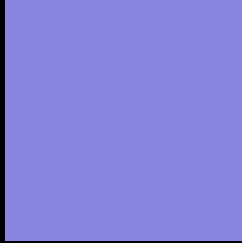
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3911, 0.2397, 0.2052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

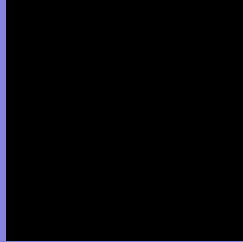
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3911, 0.2397, 0.2052

Background



This preview shows how black text looks on a background with the Yxy color 27.3911, 0.2397, 0.2052.



This preview shows how white text looks on a background with the Yxy color 27.3911, 0.2397, 0.2052.

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

27.3911, 0.2397, 0.2052

Protanopia

27.6575, 0.2192, 0.2032

Deuteranopia

27.6855, 0.2199, 0.2146



Tritanopia

27.3637, 0.2758, 0.3089

Trichromacy



Original Color

27.3911, 0.2397, 0.2052

Protanomaly

27.3443, 0.2256, 0.2028

Deuteranomaly

27.3704, 0.2262, 0.2099

Tritanomaly

27.2005, 0.2613, 0.2650

Monochromacy



Original Color

27.3911, 0.2397, 0.2052

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4360, 0.2827, 0.2780

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3911, 0.2397, 0.2052 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(136, 133, 224)` looks like.

```
.text, #text, p{  
    color:rgb(136, 133, 224)  
}
```

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(136, 133, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 133, 224) }
```

Border

The CSS property to change the border of an element to Yxy 27.3911, 0.2397, 0.2052 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(136, 133, 224) }
```

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

```
.border{ border-color:rgb(136, 133, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 133, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 133, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 133, 224);  
box-shadow:4px 4px 4px 4px rgb(136, 133,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3911, 0.2397, 0.2052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 133, 224) }
```

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

```
.background{ background-color: rgb(136,  
133, 224) }
```

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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