

Converting Colors

$Yxy(27.6461, 0.2064, 0.1698)$

Have a look what the booklet for
Yxy(27.6461, 0.2064, 0.1698)
contains.

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Color

Yxy(27.3746, 0.2081, 0.1727)

Conversions

Conversions Part 1

Format	Color
Hex	6F85FF
RGB	111, 133, 255
RGB Percent	44%, 52%, 100%
CMY	0.5650, 0.4784, 0.0000
CMYK	0.56, 0.48, 0.00, 0.00
HSL	231°, 100%, 72%
HSV	231°, 56%, 100%
XYZ	32.9858, 27.3746, 98.1491
YIQ	140.3300, -52.2740, 33.2780

Conversions

Conversions Part 2

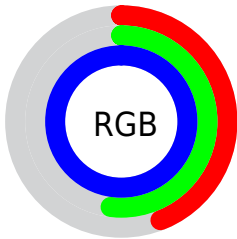
Format	Color
R _Y B	111, 130, 255
Decimal	7308799
CIE Lab	59.32, 26.72, -63.34
CIE LCh	59, 68.743, 292.872
Yxy	27.3746, 0.2081, 0.1727
Android (android.graphics.Color)	4285498879 (0xFF6F85FF)
YUV	140.3300, 56.5323, -25.7224
Hunter-Lab	52.3207, 20.9748, -74.5983

Details

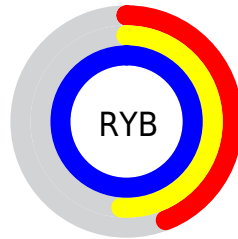
The Yxy color **27.3746, 0.2081, 0.1727** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.6339, 0.4055, 0.4465**, and the grayscale version is **26.1482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1085, 0.2562, 0.2488**, and **10.8230, 0.1785, 0.1368** is the 20% darker color. If you saturate the color by 10%, you get **20.6342, 0.1897, 0.1420**, and if you desaturate by 10%, it is **35.8036, 0.2280, 0.2044**.

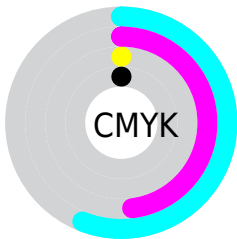
Distribution



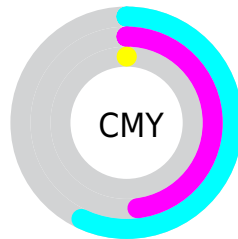
- Red (44%)
- Green (52%)
- Blue (100%)



- Red (44%)
- Yellow (51%)
- Blue (100%)



- Cyan (56%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3746, 0.2081, 0.1727 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 27.3746, 0.2081, 0.1727 by changing the saturation by 10% instead.


 27.3746, 0.2081,
0.1727


 27.3746, 0.2081,
0.1727


289.4663, 0.2621,
0.2470


 17.8548, 0.1949,
0.1562


 55.4844, 0.2277,
0.1983

 10.8458, 0.1785,
0.1365


 74.8431, 0.2351,
0.2083

 5.9632, 0.1576,
0.1129


 98.2503, 0.2413,
0.2170

 2.8227, 0.1310,
0.0848

126.0903, 0.2467,
0.2246

 1.0399, 0.0972,
0.0530

158.7475, 0.2513,
0.2312

 0.0000, 0.0557,
0.0000

196.6063, 0.2554,

 0.0000, 0.0000,

0.2371

0.0000

240.0511, 0.2590,
0.2423

■ 27.3746, 0.2081,
0.1727

■ 27.3746, 0.2081,
0.1727

■ 20.6342, 0.1897,
0.1420

■ 35.8036, 0.2280,
0.2044

■ 15.4635, 0.1740,
0.1142

■ 46.0238, 0.2481,
0.2355

■ 11.7315, 0.1622,
0.0914

■ 58.1323, 0.2677,
0.2647

■ 9.2831, 0.1548,
0.0750

■ 72.2187, 0.2860,
0.2913

■ 8.6767, 0.1530,
0.0707

■ 88.3666, 0.3027,
0.3151

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



27.3746, 0.1528, 0.1742



27.3746, 0.2081, 0.1727



27.3746, 0.3024, 0.1992

Triad

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



27.3746, 0.2081, 0.1727



27.3746, 0.5298, 0.3886



27.3746, 0.1988, 0.4244

Complementary

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



27.3746, 0.2081, 0.1727



80.6339, 0.4055, 0.4465

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.



27.3746, 0.2889, 0.5294



27.3746, 0.2081, 0.1727



27.3746, 0.4792, 0.4664

Square

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



27.3746, 0.2081, 0.1727



27.3746, 0.5121, 0.3157



27.3746, 0.3905, 0.5316



27.3746, 0.1456, 0.2937

Rectangle

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



27.3746, 0.2081, 0.1727



27.3746, 0.3812, 0.2308



27.3746, 0.3905, 0.5316



27.3746, 0.2257, 0.4679

Sweetspot

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



27.3755, 0.2081, 0.1727



71.4612, 0.2851, 0.2900



80.6616, 0.2515, 0.3576



14.6595, 0.2815, 0.2849



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.



27.3755, 0.2081, 0.1727



19.7593, 0.1871, 0.1376



25.9411, 0.2353, 0.1606



17.8271, 0.2979, 0.3082



4.6670, 0.1535, 0.0725



0.5795, 0.1582, 0.0895

Inverse Universe

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



34.3081, 0.4584, 0.3075



28.3210, 0.5075, 0.3062



85.9257, 0.3605, 0.4814



18.0325, 0.3270, 0.3254



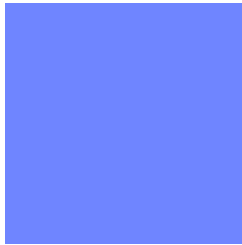
11.1991, 0.6191, 0.3184



1.1030, 0.5920, 0.3035

Previews

White Background



This preview shows how the Yxy color 27.3746, 0.2081, 0.1727 looks on a white background.

Color Contrast Check

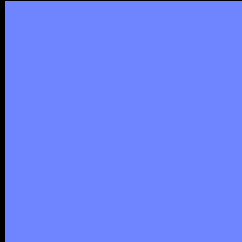
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3746, 0.2081, 0.1727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

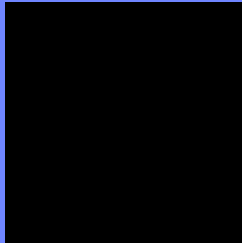
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3746, 0.2081, 0.1727

Background



This preview shows how black text looks on a background with the Yxy color 27.3746, 0.2081, 0.1727.



This preview shows how white text looks on a background with the Yxy color 27.3746, 0.2081, 0.1727.

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

27.3746, 0.2081, 0.1727

Protanopia

27.3754, 0.1978, 0.1748

Deuteranopia

27.4462, 0.1875, 0.1808



Tritanopia

27.4422, 0.2411, 0.3077

Trichromacy



Original Color

27.3746, 0.2081, 0.1727

Protanomaly

27.2612, 0.2011, 0.1736

Deuteranomaly

27.0063, 0.1919, 0.1766

Tritanomaly

26.7588, 0.2263, 0.2463

Monochromacy



Original Color

27.3746, 0.2081, 0.1727

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9358, 0.2638, 0.2587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3746, 0.2081, 0.1727 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(111, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 133, 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(111, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 133, 255) }
```

Border

The CSS property to change the border of an element to Yxy 27.3746, 0.2081, 0.1727 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(111, 133, 255) }
```

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

```
.border{ border-color:rgb(111, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 133,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3746, 0.2081, 0.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 133, 255) }
```

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

```
.background{ background-color: rgb(111,  
133, 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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