

Converting Colors

$Y_{xy}(27.0156, 0.2194, 0.1731)$

Have a look what the booklet for
Yxy(27.0156, 0.2194, 0.1731)
contains.

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Color

Yxy(27.1492, 0.2199, 0.1738)

Conversions

Conversions Part 1

Format	Color
Hex	8280FB
RGB	130, 128, 251
RGB Percent	51%, 50%, 98%
CMY	0.4898, 0.4982, 0.0156
CMYK	0.48, 0.49, 0.00, 0.02
HSL	241°, 94%, 74%
HSV	241°, 49%, 98%
XYZ	34.3505, 27.1492, 94.7098
YIQ	142.6200, -38.2910, 38.6770

Conversions

Conversions Part 2

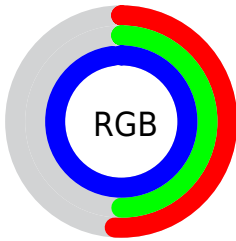
Format	Color
RYB	130, 128, 251
Decimal	8552699
CIELab	59.11, 32.39, -61.41
CIElCh	59, 69.431, 297.810
Yxy	27.1492, 0.2199, 0.1738
Android (android.graphics.Color)	4286742779 (0xFF8280FB)
YUV	142.6200, 53.4313, -11.0677
Hunter-Lab	52.1049, 26.4936, -71.2965

Details

The Yxy color **27.1492, 0.2199, 0.1738** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **90.6811, 0.3834, 0.4491**, and the grayscale version is **27.1096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0866, 0.2669, 0.2454**, and **10.7522, 0.1920, 0.1377** is the 20% darker color. If you saturate the color by 10%, you get **19.6698, 0.1989, 0.1391**, and if you desaturate by 10%, it is **36.7172, 0.2415, 0.2096**.

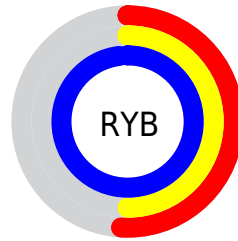
Distribution



Red (51%)

Green (50%)

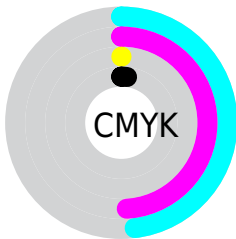
Blue (98%)



Red (51%)

Yellow (50%)

Blue (98%)

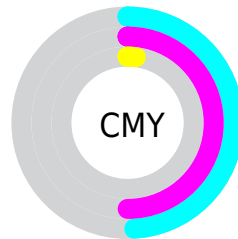


Cyan (48%)

Magenta (49%)

Yellow (0%)

Black (2%)



Cyan (49%)

Magenta (50%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1492, 0.2199, 0.1738 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 27.1492, 0.2199, 0.1738 by changing the saturation by 10% instead.

 27.1492, 0.2199,
0.1738


 27.1492, 0.2199,
0.1738


288.3788, 0.2687,
0.2474


 17.6853, 0.2077,
0.1575


 55.1232, 0.2378,
0.1991

 10.7243, 0.1923,
0.1379


 74.4021, 0.2445,
0.2091

 5.8818, 0.1725,
0.1143


 97.7214, 0.2501,
0.2177

 2.7733, 0.1466,
0.0862

125.4656, 0.2550,
0.2252

 1.0146, 0.1128,
0.0541

158.0191, 0.2591,
0.2318

 0.0000, 0.0711,
0.0000

195.7661, 0.2627,

 0.0000, 0.0000,

0.2376

0.0000

239.0913, 0.2659,
0.2427

■ 27.1492, 0.2199,
0.1738

■ 27.1492, 0.2199,
0.1738

■ 19.6698, 0.1989,
0.1391

■ 36.7172, 0.2415,
0.2096

■ 14.1206, 0.1802,
0.1083

■ 48.5110, 0.2623,
0.2444

■ 10.3254, 0.1653,
0.0841

■ 62.6591, 0.2816,
0.2767

■ 8.0741, 0.1555,
0.0682

■ 79.2797, 0.2989,
0.3058

■ 7.0632, 0.1507,
0.0607

■ 98.4828, 0.3141,
0.3314

■ 6.9941, 0.1504,
0.0602

99.7461, 0.3150,
0.3328

Harmonies

Analogous

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



27.1492, 0.1579, 0.1703



27.1492, 0.2199, 0.1738



27.1492, 0.3211, 0.2049

Triad

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



27.1492, 0.2199, 0.1738



27.1492, 0.5276, 0.4012



27.1492, 0.1856, 0.4025

Complementary

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



27.1492, 0.2199, 0.1738



90.6811, 0.3834, 0.4491

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.



27.1492, 0.2717, 0.5213



27.1492, 0.2199, 0.1738



27.1492, 0.4676, 0.4801

Square

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



27.1492, 0.2199, 0.1738



27.1492, 0.5231, 0.3268



27.1492, 0.3743, 0.5402



27.1492, 0.1392, 0.2753

Rectangle

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



27.1492, 0.2199, 0.1738



27.1492, 0.4020, 0.2390



27.1492, 0.3743, 0.5402



27.1492, 0.2106, 0.4487

Sweetspot

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



27.1501, 0.2199, 0.1738



71.5319, 0.2888, 0.2888



79.2831, 0.2478, 0.3264



14.5572, 0.2850, 0.2825



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.



27.1501, 0.2199, 0.1738



20.3672, 0.1989, 0.1390



33.5433, 0.2663, 0.1910



16.6574, 0.2981, 0.3045



3.6822, 0.1505, 0.0603



0.3459, 0.1518, 0.0610

Inverse Universe

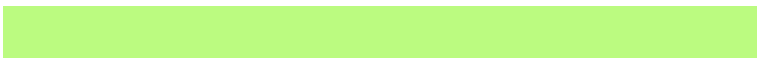
The Inverse Universe completely reimagines the original color for something new.



42.7750, 0.3201, 0.2120



38.3250, 0.3216, 0.1929



81.1831, 0.3407, 0.4689



17.5191, 0.3141, 0.3060



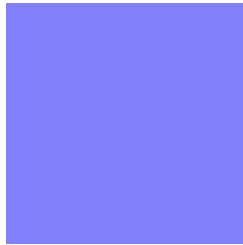
14.3015, 0.3253, 0.1566



1.3262, 0.3247, 0.1563

Previews

White Background



This preview shows how the Yxy color 27.1492, 0.2199, 0.1738 looks on a white background.

Color Contrast Check

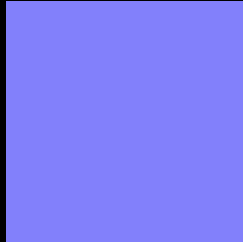
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1492, 0.2199, 0.1738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

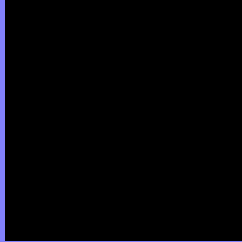
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1492, 0.2199, 0.1738

Background



This preview shows how black text looks on a background with the Yxy color 27.1492, 0.2199, 0.1738.



This preview shows how white text looks on a background with the Yxy color 27.1492, 0.2199, 0.1738.

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

27.1492, 0.2199, 0.1738

Protanopia

27.3283, 0.1974, 0.1747

Deuteranopia

27.4741, 0.1920, 0.1861



Tritanopia

27.0112, 0.2612, 0.3083

Trichromacy



Original Color

27.1492, 0.2199, 0.1738

Protanomaly

26.9727, 0.2037, 0.1728

Deuteranomaly

26.7481, 0.1985, 0.1799

Tritanomaly

26.4555, 0.2430, 0.2466

Monochromacy



Original Color

27.1492, 0.2199, 0.1738

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9576, 0.2721, 0.2618

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1492, 0.2199, 0.1738 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(130, 128, 251)` looks like.

```
.text, #text, p{  
    color:rgb(130, 128, 251)  
}
```

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(130, 128, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 128, 251) }
```

Border

The CSS property to change the border of an element to Yxy 27.1492, 0.2199, 0.1738 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(130, 128, 251) }
```

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

```
.border{ border-color:rgb(130, 128, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 128, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 128, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 128, 251); box-shadow:4px 4px 4px 4px rgb(130, 128, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1492, 0.2199, 0.1738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 128, 251) }
```

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

```
.background{ background-color: rgb(130,  
128, 251) }
```

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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