

Converting Colors

$Y_{xy}(26.5760, 0.2285, 0.1866)$

Have a look what the booklet for
Yxy(26.5760, 0.2285, 0.1866)
contains.

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Color

Yxy(26.7205, 0.2284, 0.1869)

Conversions

Conversions Part 1

Format	Color
Hex	8481ED
RGB	132, 129, 237
RGB Percent	52%, 51%, 93%
CMY	0.4825, 0.4941, 0.0704
CMYK	0.44, 0.46, 0.00, 0.07
HSL	242°, 75%, 72%
HSV	242°, 46%, 93%
XYZ	32.6536, 26.7205, 83.5927
YIQ	142.2090, -32.8800, 34.2240

Conversions

Conversions Part 2

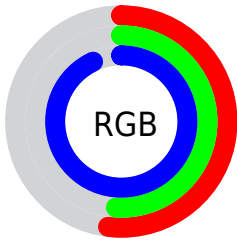
Format	Color
R _Y B	132, 129, 237
Decimal	8684013
CIE Lab	58.71, 28.14, -54.31
CIE LCh	59, 61.172, 297.390
Yxy	26.7205, 0.2284, 0.1869
Android (android.graphics.Color)	4286874093 (0xFF8481ED)
YUV	142.2090, 46.7320, -8.9533
Hunter-Lab	51.6919, 22.2972, -59.6956

Details

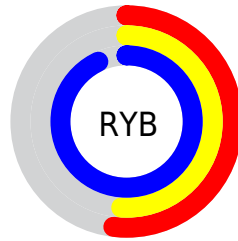
The Yxy color **26.7205, 0.2284, 0.1869** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.6861, 0.3780, 0.4416**, and the grayscale version is **26.9574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4947, 0.2670, 0.2465**, and **10.4885, 0.2022, 0.1523** is the 20% darker color. If you saturate the color by 10%, you get **19.5270, 0.2072, 0.1517**, and if you desaturate by 10%, it is **35.7747, 0.2496, 0.2224**.

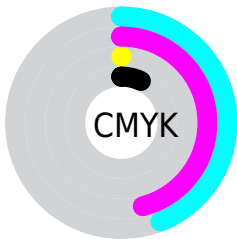
Distribution



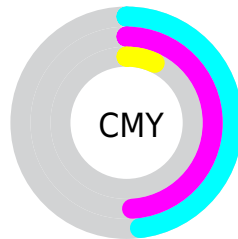
- Red (52%)
- Green (51%)
- Blue (93%)



- Red (52%)
- Yellow (51%)
- Blue (93%)



- Cyan (44%)
- Magenta (46%)
- Yellow (0%)
- Black (7%)




- Cyan (48%)
- Magenta (49%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7205, 0.2284, 0.1869 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 26.7205, 0.2284, 0.1869 by changing the saturation by 10% instead.


 26.7205, 0.2284,
0.1869


 26.7205, 0.2284,
0.1869

286.3013, 0.2732,
0.2558


 17.3634, 0.2169,
0.1710


 54.4350, 0.2450,
0.2111

 10.4939, 0.2022,
0.1517


 73.5613, 0.2512,
0.2204

 5.7277, 0.1829,
0.1278


 96.7127, 0.2564,
0.2285

 2.6802, 0.1570,
0.0985

124.2737, 0.2608,
0.2354

 0.9671, 0.1220,
0.0636

156.6287, 0.2646,
0.2415

 0.0000, 0.0742,
0.0000

194.1620, 0.2678,

 0.0000, 0.0000,

0.2469

0.0000

237.2580, 0.2707,
0.2516

■ 26.7205, 0.2284,
0.1869

■ 26.7205, 0.2284,
0.1869

■ 19.5270, 0.2072,
0.1517

■ 35.7747, 0.2496,
0.2224

■ 14.0625, 0.1875,
0.1193

■ 46.8036, 0.2698,
0.2562

■ 10.1826, 0.1710,
0.0924

■ 59.9151, 0.2881,
0.2873

■ 7.7180, 0.1591,
0.0734

■ 75.2089, 0.3045,
0.3150

■ 6.4612, 0.1523,
0.0629

■ 92.7778, 0.3188,
0.3393

■ 6.1592, 0.1506,
0.0603

■ 98.8972, 0.3232,
0.3463

Harmonies

Analogous

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



26.7205, 0.1710, 0.1846



26.7205, 0.2284, 0.1869



26.7205, 0.3197, 0.2155

Triad

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



26.7205, 0.2284, 0.1869



26.7205, 0.5076, 0.3987



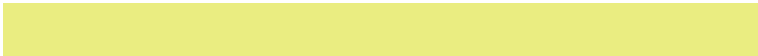
26.7205, 0.2002, 0.3960

Complementary

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



26.7205, 0.2284, 0.1869



79.6861, 0.3780, 0.4416

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.



26.7205, 0.2800, 0.4970



26.7205, 0.2284, 0.1869



26.7205, 0.4572, 0.4687

Square

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



26.7205, 0.2284, 0.1869



26.7205, 0.4995, 0.3293



26.7205, 0.3737, 0.5173



26.7205, 0.1553, 0.2844

Rectangle

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



26.7205, 0.2284, 0.1869



26.7205, 0.3912, 0.2471



26.7205, 0.3737, 0.5173



26.7205, 0.2236, 0.4352

Sweetspot

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



26.7214, 0.2284, 0.1869



73.2993, 0.2908, 0.2917



70.3422, 0.2513, 0.3266



14.9074, 0.2870, 0.2854



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.



26.7214, 0.2284, 0.1869



23.3186, 0.2080, 0.1529



32.1107, 0.2706, 0.2016



14.5687, 0.2984, 0.3047



3.3704, 0.1509, 0.0605



0.2716, 0.1532, 0.0618

Inverse Universe

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



39.6586, 0.3206, 0.2205



40.4387, 0.3223, 0.2012



72.0314, 0.3394, 0.4580



15.3062, 0.3142, 0.3064



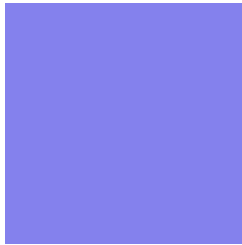
12.9673, 0.3279, 0.1580



1.0205, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 26.7205, 0.2284, 0.1869 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 26.7205, 0.2284, 0.1869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

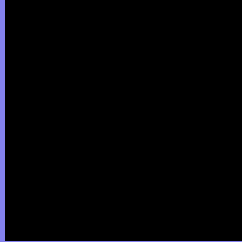
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7205, 0.2284, 0.1869

Background



This preview shows how black text looks on a background with the Yxy color 26.7205, 0.2284, 0.1869.



This preview shows how white text looks on a background with the Yxy color 26.7205, 0.2284, 0.1869.

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

26.7205, 0.2284, 0.1869

Protanopia

26.8110, 0.2040, 0.1827

Deuteranopia

26.9488, 0.2036, 0.1977



Tritanopia

26.7501, 0.2680, 0.3084

Trichromacy



Original Color

26.7205, 0.2284, 0.1869

Protanomaly

26.5868, 0.2115, 0.1837

Deuteranomaly

26.4861, 0.2105, 0.1924

Tritanomaly

26.2660, 0.2521, 0.2552

Monochromacy



Original Color

26.7205, 0.2284, 0.1869

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4689, 0.2761, 0.2671

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7205, 0.2284, 0.1869 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(132, 129, 237)` looks like.

```
.text, #text, p{  
    color:rgb(132, 129, 237)  
}
```

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(132, 129, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 129, 237) }
```

Border

The CSS property to change the border of an element to Yxy 26.7205, 0.2284, 0.1869 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(132, 129, 237) }
```

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

```
.border{ border-color:rgb(132, 129, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 129, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 129, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 129, 237);  
box-shadow:4px 4px 4px 4px rgb(132, 129,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7205, 0.2284, 0.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 129, 237) }
```

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

```
.background{ background-color: rgb(132,  
129, 237) }
```

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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