

Converting Colors

$Y_{xy}(26.1508, 0.2258, 0.1904)$

Have a look what the booklet for
Yxy(26.1508, 0.2258, 0.1904)
contains.

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Color

Yxy(26.1335, 0.2252, 0.1899)

Conversions

Conversions Part 1

Format	Color
Hex	7C82E9
RGB	124, 130, 233
RGB Percent	49%, 51%, 91%
CMY	0.5141, 0.4901, 0.0863
CMYK	0.47, 0.44, 0.00, 0.09
HSL	237°, 71%, 70%
HSV	237°, 47%, 91%
XYZ	30.9914, 26.1335, 80.4923
YIQ	139.9480, -36.6390, 30.7610

Conversions

Conversions Part 2

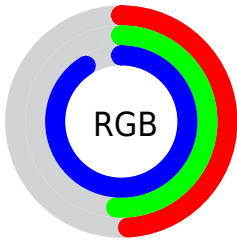
Format	Color
RYB	124, 130, 233
Decimal	8159977
CIELab	58.16, 24.47, -52.97
CIELCh	58, 58.351, 294.796
Yxy	26.1335, 0.2252, 0.1899
Android (android.graphics.Color)	4286350057 (0xFF7C82E9)
YUV	139.9480, 45.8746, -13.9864
Hunter-Lab	51.1209, 18.7516, -57.5702

Details

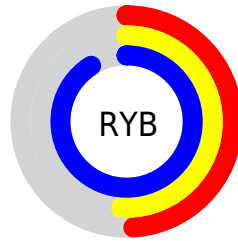
The Yxy color **26.1335, 0.2252, 0.1899** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **73.6417, 0.3846, 0.4379**, and the grayscale version is **26.0294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9107, 0.2616, 0.2465**, and **10.2174, 0.1982, 0.1543** is the 20% darker color. If you saturate the color by 10%, you get **19.3602, 0.2044, 0.1558**, and if you desaturate by 10%, it is **34.5688, 0.2463, 0.2240**.

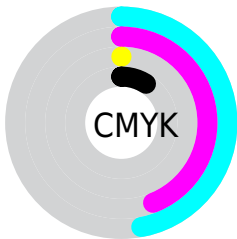
Distribution



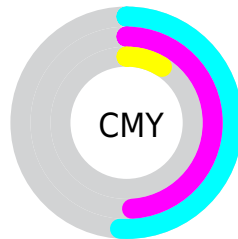
- Red (49%)
- Green (51%)
- Blue (91%)



- Red (49%)
- Yellow (51%)
- Blue (91%)



- Cyan (47%)
- Magenta (44%)
- Yellow (0%)
- Black (9%)





- Cyan (51%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1335, 0.2252, 0.1899 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 26.1335, 0.2252, 0.1899 by changing the saturation by 10% instead.


 26.1335, 0.2252,
0.1899


 26.1335, 0.2252,
0.1899


283.4368, 0.2717,
0.2581

 16.9235, 0.2133,
0.1740


 53.4902, 0.2424,
0.2140

 10.1800, 0.1980,
0.1545


 72.4058, 0.2488,
0.2233

 5.5185, 0.1780,
0.1303


 95.3254, 0.2542,
0.2312

 2.5546, 0.1512,
0.1003

122.6333, 0.2588,
0.2381

 0.9039, 0.1151,
0.0643

154.7140, 0.2627,
0.2440

 0.0000, 0.0602,
0.0000

191.9519, 0.2661,

 0.0000, 0.0000,

0.2493

0.0000

234.7314, 0.2690,
0.2540

■ 26.1335, 0.2252,
0.1899

■ 26.1335, 0.2252,
0.1899

■ 19.3602, 0.2044,
0.1558

■ 34.5688, 0.2463,
0.2240

■ 14.1364, 0.1854,
0.1240

■ 44.7631, 0.2666,
0.2564

■ 10.3402, 0.1696,
0.0971

■ 56.8092, 0.2853,
0.2862

■ 7.8298, 0.1583,
0.0770

■ 70.7925, 0.3023,
0.3127

■ 6.4332, 0.1520,
0.0650

■ 86.7933, 0.3173,
0.3361

■ 6.1721, 0.1508,
0.0627

■ 98.6625, 0.3256,
0.3503

Harmonies

Analogous

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



26.1335, 0.1721, 0.1903



26.1335, 0.2252, 0.1899



26.1335, 0.3111, 0.2157

Triad

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



26.1335, 0.2252, 0.1899



26.1335, 0.5029, 0.3919



26.1335, 0.2100, 0.4033

Complementary

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



26.1335, 0.2252, 0.1899



73.6417, 0.3846, 0.4379

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.



26.1335, 0.2897, 0.4948



26.1335, 0.2252, 0.1899



26.1335, 0.4590, 0.4597

Square

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



26.1335, 0.2252, 0.1899



26.1335, 0.4886, 0.3245



26.1335, 0.3805, 0.5083



26.1335, 0.1627, 0.2947

Rectangle

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



26.1335, 0.2252, 0.1899



26.1335, 0.3795, 0.2454



26.1335, 0.3805, 0.5083



26.1335, 0.2337, 0.4397

Sweetspot

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



26.1344, 0.2252, 0.1899



74.1994, 0.2902, 0.2938



68.0251, 0.2539, 0.3379



15.1227, 0.2864, 0.2878



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.



26.1344, 0.2252, 0.1899



24.1614, 0.2055, 0.1576



28.9538, 0.2612, 0.1952



14.6844, 0.2980, 0.3060



3.5587, 0.1510, 0.0635



0.3273, 0.1537, 0.0731

Inverse Universe

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



33.3274, 0.4337, 0.3225



34.2537, 0.4738, 0.3216



70.1285, 0.3464, 0.4588



15.0677, 0.3284, 0.3277



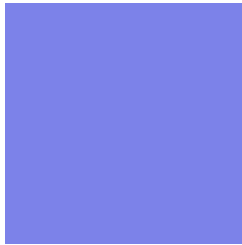
9.8521, 0.6340, 0.3267



0.7785, 0.6181, 0.3179

Previews

White Background



This preview shows how the Yxy color 26.1335, 0.2252, 0.1899 looks on a white background.

Color Contrast Check

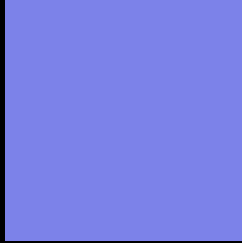
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1335, 0.2252, 0.1899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

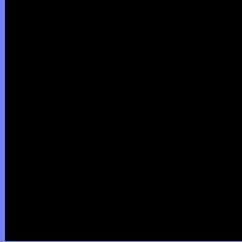
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1335, 0.2252, 0.1899

Background



This preview shows how black text looks on a background with the Yxy color 26.1335, 0.2252, 0.1899.



This preview shows how white text looks on a background with the Yxy color 26.1335, 0.2252, 0.1899.

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

26.1335, 0.2252, 0.1899

Protanopia

26.2732, 0.2070, 0.1869

Deuteranopia

26.2312, 0.2045, 0.1979



Tritanopia

26.2196, 0.2622, 0.3097

Trichromacy



Original Color

26.1335, 0.2252, 0.1899

Protanomaly

26.2288, 0.2131, 0.1879

Deuteranomaly

25.9213, 0.2104, 0.1935

Tritanomaly

25.9320, 0.2475, 0.2584

Monochromacy



Original Color

26.1335, 0.2252, 0.1899

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7326, 0.2748, 0.2691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1335, 0.2252, 0.1899 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(124, 130, 233)` looks like.

```
.text, #text, p{  
    color:rgb(124, 130, 233)  
}
```

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(124, 130, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 130, 233) }
```

Border

The CSS property to change the border of an element to Yxy 26.1335, 0.2252, 0.1899 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(124, 130, 233) }
```

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

```
.border{ border-color:rgb(124, 130, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 130, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 130, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 130, 233);  
box-shadow:4px 4px 4px 4px rgb(124, 130,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1335, 0.2252, 0.1899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 130, 233) }
```

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

```
.background{ background-color: rgb(124,  
130, 233) }
```

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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