

Converting Colors

$Y_{xy}(26.9080, 0.2308, 0.1811)$

Have a look what the booklet for
Yxy(26.9080, 0.2308, 0.1811)
contains.

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Color

Yxy(26.9080, 0.2308, 0.1811)

Conversions

Conversions Part 1

Format	Color
Hex	8C7EF2
RGB	140, 126, 242
RGB Percent	55%, 49%, 95%
CMY	0.4512, 0.5058, 0.0510
CMYK	0.42, 0.48, 0.00, 0.05
HSL	247°, 82%, 72%
HSV	247°, 48%, 95%
XYZ	34.2925, 26.9080, 87.3804
YIQ	143.4100, -28.8920, 39.0440

Conversions

Conversions Part 2

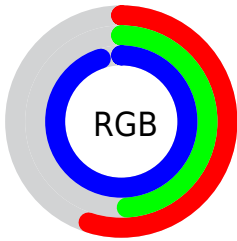
Format	Color
R_{YB}	140, 126, 242
Decimal	9207538
CIE _{Lab}	58.89, 33.15, -56.74
CIE _{LCh}	59, 65.715, 300.298
Yxy	26.9080, 0.2308, 0.1811
Android (android.graphics.Color)	4287397618 (0xFF8C7EF2)
YUV	143.4100, 48.6049, -2.9906
Hunter-Lab	51.8729, 27.2263, -63.5635

Details

The Yxy color **26.9080, 0.2308, 0.1811** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **81.5119, 0.3732, 0.4504**, and the grayscale version is **27.4492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4660, 0.2730, 0.2446**, and **10.6495, 0.2058, 0.1463** is the 20% darker color. If you saturate the color by 10%, you get **19.7757, 0.2107, 0.1471**, and if you desaturate by 10%, it is **35.8967, 0.2508, 0.2158**.

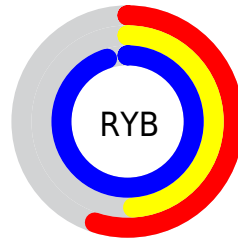
Distribution



Red (55%)

Green (49%)

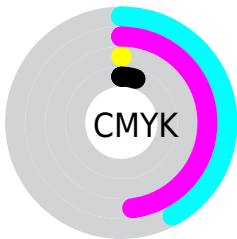
Blue (95%)



Red (55%)

Yellow (49%)

Blue (95%)

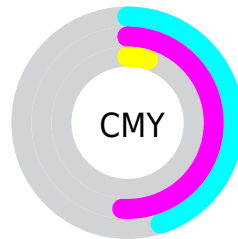


Cyan (42%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (45%)


Magenta (51%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9080, 0.2308, 0.1811 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 26.9080, 0.2308, 0.1811 by changing the saturation by 10% instead.

 26.9080, 0.2308,
0.1811


 26.9080, 0.2308,
0.1811


287.2114, 0.2746,
0.2519


 17.5041, 0.2196,
0.1651


 54.7362, 0.2470,
0.2057

 10.5946, 0.2052,
0.1457

 73.9293, 0.2531,
0.2153

 5.7949, 0.1864,
0.1220


 97.1543, 0.2581,
0.2236

 2.7208, 0.1612,
0.0933

124.7956, 0.2624,
0.2308

 0.9878, 0.1272,
0.0596

157.2376, 0.2661,
0.2371

 0.0000, 0.0833,
0.0000

194.8646, 0.2693,

 0.0000, 0.0000,

0.2426

0.0000

238.0611, 0.2721,
0.2475

■ 26.9080, 0.2308,
0.1811

■ 26.9080, 0.2308,
0.1811

■ 19.7757, 0.2107,
0.1471

■ 35.8967, 0.2508,
0.2158

■ 14.3667, 0.1917,
0.1163

■ 46.8569, 0.2696,
0.2494

■ 10.5341, 0.1753,
0.0910

■ 59.8976, 0.2868,
0.2806

■ 8.1053, 0.1628,
0.0732

■ 75.1191, 0.3020,
0.3089

■ 6.8501, 0.1548,
0.0634

■ 92.6148, 0.3153,
0.3340

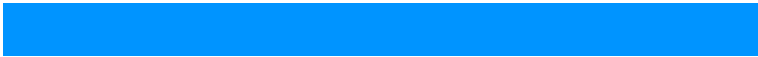
■ 6.6714, 0.1536,
0.0620

■ 99.1901, 0.3203,
0.3415

Harmonies

Analogous

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



26.9080, 0.1674, 0.1756



26.9080, 0.2308, 0.1811



26.9080, 0.3305, 0.2134

Triad

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



26.9080, 0.2308, 0.1811



26.9080, 0.5161, 0.4070



26.9080, 0.1863, 0.3880

Complementary

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



26.9080, 0.2308, 0.1811



81.5119, 0.3732, 0.4504

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.



26.9080, 0.2670, 0.5036



26.9080, 0.2308, 0.1811



26.9080, 0.4563, 0.4816

Square

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



26.9080, 0.2308, 0.1811



26.9080, 0.5164, 0.3342



26.9080, 0.3655, 0.5324



26.9080, 0.1441, 0.2707

Rectangle

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



26.9080, 0.2308, 0.1811



26.9080, 0.4073, 0.2476



26.9080, 0.3655, 0.5324



26.9080, 0.2095, 0.4315

Sweetspot

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



26.9089, 0.2308, 0.1811



73.8200, 0.2930, 0.2920



66.5877, 0.2463, 0.3124



15.0322, 0.2896, 0.2857



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.



26.9089, 0.2308, 0.1811



22.1036, 0.2102, 0.1463



33.2823, 0.2779, 0.1982



15.3195, 0.2998, 0.3047



3.6146, 0.1544, 0.0624



0.3299, 0.1632, 0.0672

Inverse Universe

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



39.4105, 0.3310, 0.2245



37.9264, 0.3358, 0.2060



73.6037, 0.3325, 0.4688



15.9969, 0.3156, 0.3085



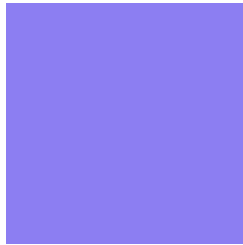
12.7350, 0.3536, 0.1722



1.0686, 0.3487, 0.1695

Previews

White Background



This preview shows how the Yxy color 26.9080, 0.2308, 0.1811 looks on a white background.

Color Contrast Check

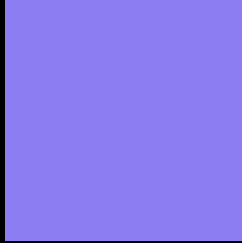
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9080, 0.2308, 0.1811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

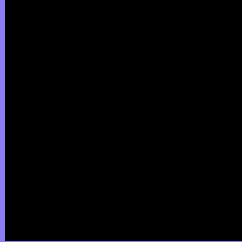
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9080, 0.2308, 0.1811

Background



This preview shows how black text looks on a background with the Yxy color 26.9080, 0.2308, 0.1811.



This preview shows how white text looks on a background with the Yxy color 26.9080, 0.2308, 0.1811.

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

26.9080, 0.2308, 0.1811

Protanopia

27.2472, 0.1985, 0.1764

Deuteranopia

27.2738, 0.2005, 0.1948



Tritanopia

26.9140, 0.2764, 0.3104

Trichromacy



Original Color

26.9080, 0.2308, 0.1811

Protanomaly

26.9539, 0.2081, 0.1777

Deuteranomaly

26.7200, 0.2089, 0.1888

Tritanomaly

26.6081, 0.2578, 0.2535

Monochromacy



Original Color

26.9080, 0.2308, 0.1811

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8968, 0.2782, 0.2650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9080, 0.2308, 0.1811 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(140, 126, 242)` looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 242)  
}
```

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(140, 126, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 242) }
```

Border

The CSS property to change the border of an element to Yxy 26.9080, 0.2308, 0.1811 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(140, 126, 242) }
```

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

```
.border{ border-color:rgb(140, 126, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 126, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 242);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9080, 0.2308, 0.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 242) }
```

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

```
.background{ background-color: rgb(140,  
126, 242) }
```

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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