

Converting Colors

$Y_{xy}(26.5475, 0.2310, 0.1754)$

Have a look what the booklet for
Yxy(26.5475, 0.2310, 0.1754)
contains.

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Color

Yxy(26.6878, 0.2315, 0.1762)

Conversions

Conversions Part 1

Format	Color
Hex	907BF5
RGB	144, 123, 245
RGB Percent	56%, 48%, 96%
CMY	0.4354, 0.5176, 0.0391
CMYK	0.41, 0.50, 0.00, 0.04
HSL	250°, 86%, 72%
HSV	250°, 50%, 96%
XYZ	35.0637, 26.6878, 89.7116
YIQ	143.1870, -26.6460, 42.3940

Conversions

Conversions Part 2

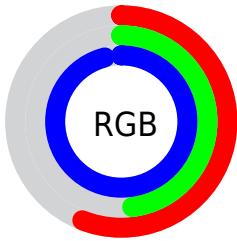
Format	Color
RYB	144, 123, 245
Decimal	9468917
CIELab	58.68, 36.68, -58.73
CIELCh	59, 69.246, 301.990
Yxy	26.6878, 0.2315, 0.1762
Android (android.graphics.Color)	4287658997 (0xFF907BF5)
YUV	143.1870, 50.1938, 0.7130
Hunter-Lab	51.6602, 30.7491, -66.7991

Details

The Yxy color **26.6878, 0.2315, 0.1762** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **82.6122, 0.3706, 0.4570**, and the grayscale version is **27.3494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8272, 0.2757, 0.2419**, and **10.5068, 0.2058, 0.1407** is the 20% darker color. If you saturate the color by 10%, you get **19.6852, 0.2121, 0.1431**, and if you desaturate by 10%, it is **35.5418, 0.2508, 0.2104**.

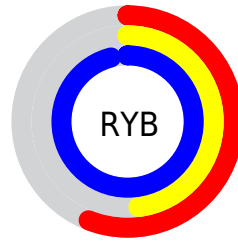
Distribution



Red (56%)

Green (48%)

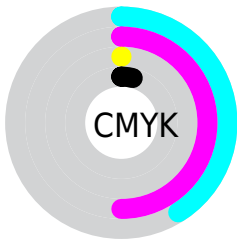
Blue (96%)



Red (56%)

Yellow (48%)

Blue (96%)

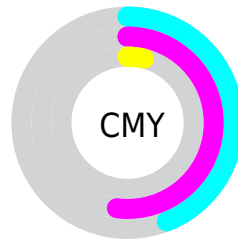


Cyan (41%)

Magenta (50%)

Yellow (0%)

Black (4%)



Cyan (44%)


Magenta (52%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6878, 0.2315, 0.1762 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 26.6878, 0.2315, 0.1762 by changing the saturation by 10% instead.


 26.6878, 0.2315,
0.1762


 26.6878, 0.2315,
0.1762


286.1423, 0.2751,
0.2488

 17.3389, 0.2203,
0.1600


 54.3825, 0.2477,
0.2013

 10.4764, 0.2060,
0.1404


 73.4970, 0.2537,
0.2111

 5.7160, 0.1873,
0.1168


 96.6356, 0.2587,
0.2196

 2.6731, 0.1623,
0.0884

124.1826, 0.2630,
0.2270

 0.9636, 0.1285,
0.0556

156.5223, 0.2667,
0.2334

 0.0000, 0.0857,
0.0000

194.0393, 0.2698,

 0.0000, 0.0000,

0.2392

0.0000

237.1178, 0.2726,
0.2442

■ 26.6878, 0.2315,
0.1762

■ 26.6878, 0.2315,
0.1762

■ 19.6852, 0.2121,
0.1431

■ 35.5418, 0.2508,
0.2104

■ 14.3980, 0.1937,
0.1135

■ 46.3644, 0.2689,
0.2438

■ 10.6755, 0.1777,
0.0896

■ 59.2666, 0.2855,
0.2752

■ 8.3390, 0.1652,
0.0730

■ 74.3498, 0.3002,
0.3039

■ 7.1075, 0.1567,
0.0638

■ 91.7091, 0.3130,
0.3295

■ 7.0880, 0.1566,
0.0636

■ 99.3743, 0.3185,
0.3386

Harmonies

Analogous

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



26.6878, 0.1639, 0.1687



26.6878, 0.2315, 0.1762



26.6878, 0.3378, 0.2109

Triad

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



26.6878, 0.2315, 0.1762



26.6878, 0.5228, 0.4121



26.6878, 0.1761, 0.3830

Complementary

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



26.6878, 0.2315, 0.1762



82.6122, 0.3706, 0.4570

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.



26.6878, 0.2578, 0.5102



26.6878, 0.2315, 0.1762



26.6878, 0.4562, 0.4909

Square

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



26.6878, 0.2315, 0.1762



26.6878, 0.5292, 0.3368



26.6878, 0.3600, 0.5446



26.6878, 0.1356, 0.2612

Rectangle

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



26.6878, 0.2315, 0.1762



26.6878, 0.4190, 0.2470



26.6878, 0.3600, 0.5446



26.6878, 0.1992, 0.4301

Sweetspot

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



26.6887, 0.2315, 0.1762



72.4553, 0.2927, 0.2892



64.4902, 0.2428, 0.3040



14.7761, 0.2896, 0.2831



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.



26.6887, 0.2315, 0.1762



21.3328, 0.2114, 0.1421



33.6507, 0.2815, 0.1950



16.0634, 0.3006, 0.3047



3.8580, 0.1576, 0.0642



0.3771, 0.1679, 0.0699

Inverse Universe

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



38.9724, 0.3380, 0.2263



36.4049, 0.3448, 0.2089



74.6112, 0.3289, 0.4767



16.7166, 0.3164, 0.3096



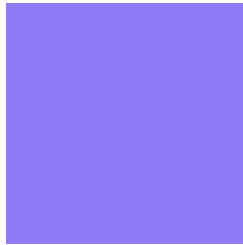
12.7973, 0.3698, 0.1811



1.1374, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 26.6878, 0.2315, 0.1762 looks on a white background.

Color Contrast Check

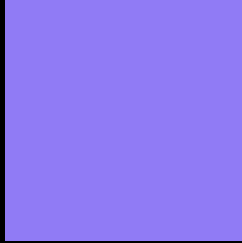
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6878, 0.2315, 0.1762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

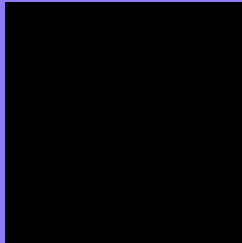
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6878, 0.2315, 0.1762

Background



This preview shows how black text looks on a background with the Yxy color 26.6878, 0.2315, 0.1762.



This preview shows how white text looks on a background with the Yxy color 26.6878, 0.2315, 0.1762.

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

26.6878, 0.2315, 0.1762

Protanopia

26.9503, 0.1963, 0.1731

Deuteranopia

26.8902, 0.1967, 0.1898



Tritanopia

26.4844, 0.2798, 0.3087

Trichromacy



Original Color

26.6878, 0.2315, 0.1762

Protanomaly

26.4708, 0.2062, 0.1734

Deuteranomaly

26.1716, 0.2055, 0.1829

Tritanomaly

25.9850, 0.2599, 0.2493

Monochromacy



Original Color

26.6878, 0.2315, 0.1762

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7432, 0.2782, 0.2623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6878, 0.2315, 0.1762 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(144, 123, 245)` looks like.

```
.text, #text, p{  
    color:rgb(144, 123, 245)  
}
```

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(144, 123, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 123, 245) }
```

Border

The CSS property to change the border of an element to Yxy 26.6878, 0.2315, 0.1762 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(144, 123, 245) }
```

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

```
.border{ border-color:rgb(144, 123, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 123, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 123, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 123, 245);  
box-shadow:4px 4px 4px 4px rgb(144, 123,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6878, 0.2315, 0.1762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 123, 245) }
```

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

```
.background{ background-color: rgb(144,  
123, 245) }
```

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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