

Converting Colors

$Y_{xy}(26.3408, 0.2426, 0.1962)$

Have a look what the booklet for
Yxy(26.3408, 0.2426, 0.1962)
contains.

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Color

Yxy(26.2523, 0.2425, 0.1958)

Conversions

Conversions Part 1

Format	Color
Hex	8F7EE2
RGB	143, 126, 226
RGB Percent	56%, 49%, 89%
CMY	0.4393, 0.5058, 0.1137
CMYK	0.37, 0.44, 0.00, 0.11
HSL	250°, 63%, 69%
HSV	250°, 44%, 89%
XYZ	32.5137, 26.2523, 75.3111
YIQ	142.4830, -21.9680, 34.7040

Conversions

Conversions Part 2

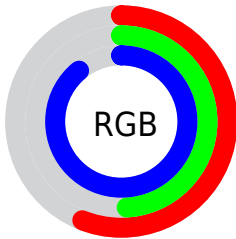
Format	Color
R_{YB}	143, 126, 226
Decimal	9404130
CIE _{Lab}	58.28, 29.53, -48.81
CIE _{LCh}	58, 57.051, 301.175
Yxy	26.2523, 0.2425, 0.1958
Android (android.graphics.Color)	4287594210 (0xFF8F7EE2)
YUV	142.4830, 41.1739, 0.4534
Hunter-Lab	51.2370, 23.6068, -51.2820

Details

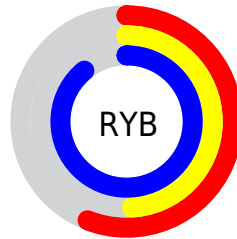
The Yxy color **26.2523, 0.2425, 0.1958** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **69.4654, 0.3651, 0.4428**, and the grayscale version is **27.0914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7396, 0.2745, 0.2449**, and **10.2847, 0.2194, 0.1620** is the 20% darker color. If you saturate the color by 10%, you get **19.5744, 0.2231, 0.1620**, and if you desaturate by 10%, it is **34.5178, 0.2612, 0.2296**.

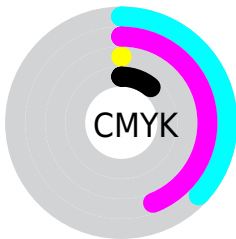
Distribution



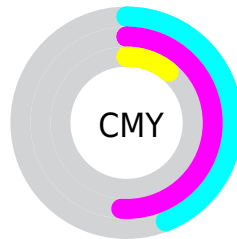
- Red (56%)
- Green (49%)
- Blue (89%)



- Red (56%)
- Yellow (49%)
- Blue (89%)



- Cyan (37%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)





- Cyan (44%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2523, 0.2425, 0.1958 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 26.2523, 0.2425, 0.1958 by changing the saturation by 10% instead.


 26.2523, 0.2425,
0.1958


 26.2523, 0.2425,
0.1958


284.0184, 0.2806,
0.2612


 17.0125, 0.2324,
0.1804

 53.6817, 0.2569,
0.2190

 10.2434, 0.2192,
0.1615


 72.6400, 0.2621,
0.2279

 5.5606, 0.2016,
0.1377


 95.6067, 0.2665,
0.2355

 2.5798, 0.1771,
0.1079

122.9661, 0.2702,
0.2420

 0.9165, 0.1424,
0.0711

155.1025, 0.2734,
0.2477

 0.0000, 0.0910,
0.0000

192.4005, 0.2761,

 0.0000, 0.0000,

0.2528

0.0000

235.2443, 0.2785,
0.2572

■ 26.2523, 0.2425,
0.1958

■ 26.2523, 0.2425,
0.1958

■ 19.5744, 0.2231,
0.1620

■ 34.5178, 0.2612,
0.2296

■ 14.3782, 0.2040,
0.1302

■ 44.4617, 0.2784,
0.2619

■ 10.5494, 0.1865,
0.1027

■ 56.1712, 0.2939,
0.2917

■ 7.9554, 0.1719,
0.0818

■ 69.7268, 0.3075,
0.3185

■ 6.4362, 0.1612,
0.0685

■ 85.2038, 0.3193,
0.3423

■ 5.9103, 0.1567,
0.0637

■ 98.2715, 0.3297,
0.3572

Harmonies

Analogous

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



26.2523, 0.1831, 0.1905



26.2523, 0.2425, 0.1958



26.2523, 0.3322, 0.2262

Triad

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



26.2523, 0.2425, 0.1958



26.2523, 0.4940, 0.4059



26.2523, 0.1994, 0.3779

Complementary

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



26.2523, 0.2425, 0.1958



69.4654, 0.3651, 0.4428

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.



26.2523, 0.2722, 0.4766



26.2523, 0.2425, 0.1958



26.2523, 0.4422, 0.4704

Square

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



26.2523, 0.2425, 0.1958



26.2523, 0.4930, 0.3389



26.2523, 0.3611, 0.5079



26.2523, 0.1604, 0.2772

Rectangle

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



26.2523, 0.2425, 0.1958



26.2523, 0.3991, 0.2581



26.2523, 0.3611, 0.5079



26.2523, 0.2204, 0.4146

Sweetspot

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



26.2533, 0.2425, 0.1958



75.7912, 0.2956, 0.2949



55.6970, 0.2495, 0.3073



15.4328, 0.2924, 0.2886



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.



26.2533, 0.2425, 0.1958



26.4373, 0.2248, 0.1649



31.7104, 0.2862, 0.2105



13.3545, 0.3007, 0.3049



3.4065, 0.1577, 0.0642



0.2702, 0.1709, 0.0715

Inverse Universe

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



35.6997, 0.3342, 0.2370



40.4868, 0.3399, 0.2201



63.3103, 0.3280, 0.4581



13.8936, 0.3164, 0.3098



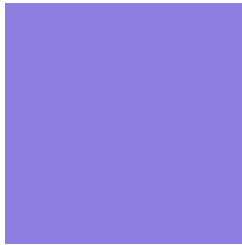
11.3025, 0.3689, 0.1806



0.7941, 0.3603, 0.1758

Previews

White Background



This preview shows how the Yxy color 26.2523, 0.2425, 0.1958 looks on a white background.

Color Contrast Check

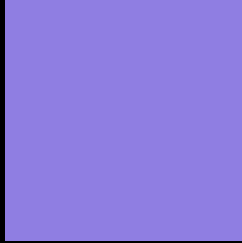
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2523, 0.2425, 0.1958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

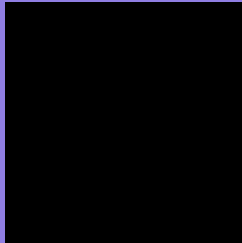
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2523, 0.2425, 0.1958

Background



This preview shows how black text looks on a background with the Yxy color 26.2523, 0.2425, 0.1958.



This preview shows how white text looks on a background with the Yxy color 26.2523, 0.2425, 0.1958.

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

26.2523, 0.2425, 0.1958

Protanopia

26.5441, 0.2101, 0.1915

Deuteranopia

26.4110, 0.2141, 0.2078



Tritanopia

26.1911, 0.2861, 0.3089

Trichromacy



Original Color

26.2523, 0.2425, 0.1958

Protanomaly

26.1787, 0.2200, 0.1926

Deuteranomaly

26.0893, 0.2226, 0.2025

Tritanomaly

25.8902, 0.2688, 0.2605

Monochromacy



Original Color

26.2523, 0.2425, 0.1958

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3762, 0.2834, 0.2718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2523, 0.2425, 0.1958 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(143, 126, 226)` looks like.

```
.text, #text, p{  
    color:rgb(143, 126, 226)  
}
```

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(143, 126, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 126, 226) }
```

Border

The CSS property to change the border of an element to Yxy 26.2523, 0.2425, 0.1958 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(143, 126, 226) }
```

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

```
.border{ border-color:rgb(143, 126, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 126, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 126, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 126, 226); box-shadow:4px 4px 4px 4px rgb(143, 126, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2523, 0.2425, 0.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 126, 226) }
```

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

```
.background{ background-color: rgb(143,  
126, 226) }
```

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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