

Converting Colors

$Y_{xy}(26.1345, 0.2520, 0.2183)$

Have a look what the booklet for
Yxy(26.1345, 0.2520, 0.2183)
contains.

Yxy(26.0083, 0.2519, 0.2183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.0083, 0.2519, 0.2183)

Conversions

Conversions Part 1

Format	Color
Hex	8B82D0
RGB	139, 130, 208
RGB Percent	55%, 51%, 82%
CMY	0.4550, 0.4901, 0.1843
CMYK	0.33, 0.37, 0.00, 0.18
HSL	247°, 45%, 66%
HSV	247°, 37%, 82%
XYZ	30.0114, 26.0083, 63.1205
YIQ	141.5830, -19.6740, 26.1660

Conversions

Conversions Part 2

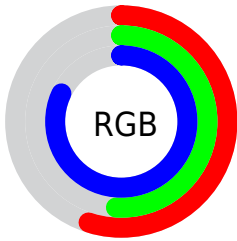
Format	Color
RYB	139, 130, 208
Decimal	9142992
CIELab	58.04, 21.32, -39.10
CIELCh	58, 44.533, 298.599
Yxy	26.0083, 0.2519, 0.2183
Android (android.graphics.Color)	4287333072 (0xFF8B82D0)
YUV	141.5830, 32.7436, -2.2653
Hunter-Lab	50.9983, 15.7963, -37.6842

Details

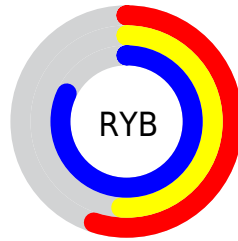
The Yxy color **26.0083, 0.2519, 0.2183** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **58.8807, 0.3612, 0.4240**, and the grayscale version is **26.7504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5563, 0.2706, 0.2485**, and **10.1632, 0.2315, 0.1878** is the 20% darker color. If you saturate the color by 10%, you get **19.5697, 0.2321, 0.1839**, and if you desaturate by 10%, it is **33.8344, 0.2706, 0.2515**.

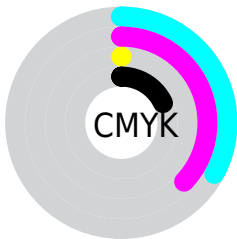
Distribution



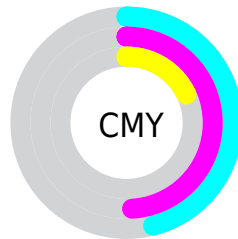
- Red (55%)
- Green (51%)
- Blue (82%)



- Red (55%)
- Yellow (51%)
- Blue (82%)



- Cyan (33%)
- Magenta (37%)
- Yellow (0%)
- Black (18%)





- Cyan (46%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0083, 0.2519, 0.2183 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 26.0083, 0.2519, 0.2183 by changing the saturation by 10% instead.


 26.0083, 0.2519,
0.2183


 26.0083, 0.2519,
0.2183


282.8228, 0.2851,
0.2744


 16.8298, 0.2429,
0.2044


 53.2883, 0.2645,
0.2387

 10.1133, 0.2310,
0.1869


 72.1587, 0.2691,
0.2463

 5.4741, 0.2147,
0.1641


 95.0285, 0.2729,
0.2528

 2.5280, 0.1913,
0.1340

122.2821, 0.2761,
0.2584

 0.8906, 0.1563,
0.0939

154.3040, 0.2789,
0.2632

 0.0000, 0.0835,
0.0000

191.4785, 0.2812,

 0.0000, 0.0000,

0.2674

0.0000

234.1899, 0.2833,
0.2711

■ 26.0083, 0.2519,
0.2183

■ 26.0083, 0.2519,
0.2183

■ 19.5697, 0.2321,
0.1839

■ 33.8344, 0.2706,
0.2515

■ 14.4344, 0.2120,
0.1500

■ 43.1196, 0.2876,
0.2823

■ 10.5137, 0.1930,
0.1190

■ 53.9341, 0.3027,
0.3102

■ 7.7067, 0.1765,
0.0932

■ 66.3427, 0.3158,
0.3349

■ 5.8955, 0.1637,
0.0747

■ 80.4065, 0.3272,
0.3566

■ 4.9213, 0.1553,
0.0640

■ 96.1832, 0.3369,
0.3754

■ 4.7472, 0.1538,
0.0621

■ 97.3347, 0.3406,
0.3750

Harmonies

Analogous

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



26.0083, 0.2040, 0.2168



26.0083, 0.2519, 0.2183



26.0083, 0.3226, 0.2422

Triad

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



26.0083, 0.2519, 0.2183



26.0083, 0.4600, 0.3921



26.0083, 0.2271, 0.3750

Complementary

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



26.0083, 0.2519, 0.2183



58.8807, 0.3612, 0.4240

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.



26.0083, 0.2892, 0.4452



26.0083, 0.2519, 0.2183



26.0083, 0.4247, 0.4423

Square

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



26.0083, 0.2519, 0.2183



26.0083, 0.4521, 0.3363



26.0083, 0.3616, 0.4682



26.0083, 0.1904, 0.2965

Rectangle

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



26.0083, 0.2519, 0.2183



26.0083, 0.3747, 0.2684



26.0083, 0.3616, 0.4682



26.0083, 0.2455, 0.4016

Sweetspot

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



26.0093, 0.2519, 0.2183



78.9817, 0.2974, 0.3004



50.7087, 0.2592, 0.3183



16.3971, 0.2954, 0.2966



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.



26.0093, 0.2519, 0.2183



32.8621, 0.2360, 0.1907



29.8487, 0.2864, 0.2282



11.4817, 0.2999, 0.3051



2.9799, 0.1544, 0.0624



0.1889, 0.1664, 0.0690

Inverse Universe

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



33.5070, 0.3258, 0.2463



46.4902, 0.3292, 0.2296



54.3292, 0.3304, 0.4343



11.9847, 0.3155, 0.3087



10.5274, 0.3519, 0.1712



0.5954, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 26.0083, 0.2519, 0.2183 looks on a white background.

Color Contrast Check

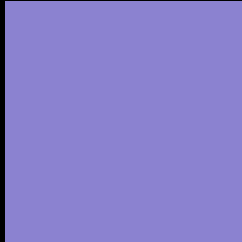
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0083, 0.2519, 0.2183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

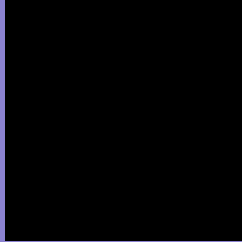
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0083, 0.2519, 0.2183

Background



This preview shows how black text looks on a background with the Yxy color 26.0083, 0.2519, 0.2183.



This preview shows how white text looks on a background with the Yxy color 26.0083, 0.2519, 0.2183.

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

26.0083, 0.2519, 0.2183

Protanopia

26.1911, 0.2291, 0.2162

Deuteranopia

26.2365, 0.2329, 0.2280



Tritanopia

25.8617, 0.2869, 0.3088

Trichromacy



Original Color

26.0083, 0.2519, 0.2183

Protanomaly

25.9412, 0.2366, 0.2159

Deuteranomaly

26.1783, 0.2394, 0.2242

Tritanomaly

25.7337, 0.2729, 0.2717

Monochromacy



Original Color

26.0083, 0.2519, 0.2183

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5929, 0.2888, 0.2849

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0083, 0.2519, 0.2183 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(139, 130, 208)` looks like.

```
.text, #text, p{  
    color:rgb(139, 130, 208)  
}
```

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(139, 130, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 130, 208) }
```

Border

The CSS property to change the border of an element to Yxy 26.0083, 0.2519, 0.2183 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(139, 130, 208) }
```

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

```
.border{ border-color:rgb(139, 130, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 130, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 130, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 130, 208);  
box-shadow:4px 4px 4px 4px rgb(139, 130,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0083, 0.2519, 0.2183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 130, 208) }
```

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

```
.background{ background-color: rgb(139,  
130, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor