

Converting Colors

$Y_{xy}(26.4366, 0.2586, 0.2021)$

Have a look what the booklet for
Yxy(26.4366, 0.2586, 0.2021)
contains.

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Color

Yxy(26.4485, 0.2587, 0.2026)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9D7BDB |
| RGB | 157, 123, 219 |
| RGB Percent | 62%, 48%, 86% |
| CMY | 0.3843, 0.5176, 0.1413 |
| CMYK | 0.28, 0.44, 0.00, 0.14 |
| HSL | 261°, 57%, 67% |
| HSV | 261°, 44%, 86% |
| XYZ | 33.7721, 26.4485, 70.3248 |
| YIQ | 144.1100, -10.5520, 37.0640 |

Conversions

Conversions Part 2

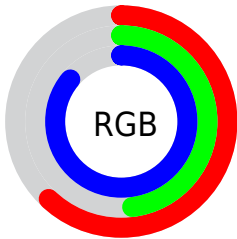
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 157, 123, 219 |
| Decimal | 10320859 |
| CIELab | 58.46, 33.19, -44.50 |
| CIELCh | 58, 55.516, 306.718 |
| Yxy | 26.4485, 0.2587, 0.2026 |
| Android (android.graphics.Color) | 4288510939 (0xFF9D7BDB) |
| YUV | 144.1100, 36.9208, 11.3045 |
| Hunter-Lab | 51.4281, 27.2192, -45.0758 |

Details

The Yxy color **26.4485, 0.2587, 0.2026** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **62.3904, 0.3505, 0.4473**, and the grayscale version is **27.7893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4168, 0.2839, 0.2439**, and **10.2930, 0.2401, 0.1694** is the 20% darker color. If you saturate the color by 10%, you get **20.2697, 0.2428, 0.1712**, and if you desaturate by 10%, it is **34.0089, 0.2736, 0.2342**.

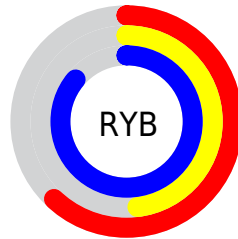
Distribution



Red (62%)

Green (48%)

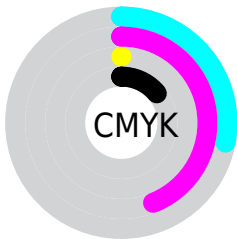
Blue (86%)



Red (62%)

Yellow (48%)

Blue (86%)

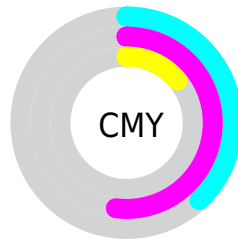


Cyan (28%)

Magenta (44%)

Yellow (0%)

Black (14%)



Cyan (38%)


Magenta (52%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4485, 0.2587, 0.2026 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 26.4485, 0.2587, 0.2026 by changing the saturation by 10% instead.


 26.4485, 0.2587,
0.2026


 26.4485, 0.2587,
0.2026

284.9768, 0.2887,
0.2648


 17.1595, 0.2505,
0.1878


 53.9976, 0.2702,
0.2247

 10.3483, 0.2396,
0.1695


 73.0265, 0.2744,
0.2332

 5.6305, 0.2246,
0.1463


 96.0707, 0.2778,
0.2404

 2.6217, 0.2032,
0.1167

123.5148, 0.2807,
0.2466

 0.9376, 0.1713,
0.0793

155.7430, 0.2831,
0.2521

 0.0000, 0.1246,
0.0000

193.1399, 0.2853,

 0.0000, 0.0000,

0.2568

0.0000

236.0897, 0.2871,
0.2610

■ 26.4485, 0.2587,
0.2026

■ 26.4485, 0.2587,
0.2026

■ 20.2697, 0.2428,
0.1712

■ 34.0089, 0.2736,
0.2342

■ 15.3818, 0.2265,
0.1416

■ 43.0275, 0.2870,
0.2648

■ 11.6879, 0.2105,
0.1156

■ 53.5788, 0.2989,
0.2934

■ 9.0752, 0.1957,
0.0950

■ 65.7314, 0.3092,
0.3196

■ 7.4080, 0.1831,
0.0807

■ 79.5495, 0.3180,
0.3433

■ 6.7156, 0.1764,
0.0746

■ 95.0937, 0.3255,
0.3645

■ 97.8931, 0.3340,
0.3641

Harmonies

Analogous

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



26.4485, 0.1945, 0.1927



26.4485, 0.2587, 0.2026



26.4485, 0.3499, 0.2366

Triad

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



26.4485, 0.2587, 0.2026



26.4485, 0.4834, 0.4171



26.4485, 0.1927, 0.3568

Complementary

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



26.4485, 0.2587, 0.2026



62.3904, 0.3505, 0.4473

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.



26.4485, 0.2587, 0.4574



26.4485, 0.2587, 0.2026



26.4485, 0.4265, 0.4771

Square

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



26.4485, 0.2587, 0.2026



26.4485, 0.4929, 0.3512



26.4485, 0.3445, 0.5028



26.4485, 0.1608, 0.2647

Rectangle

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



26.4485, 0.2587, 0.2026



26.4485, 0.4138, 0.2699



26.4485, 0.3445, 0.5028



26.4485, 0.2112, 0.3924

Sweetspot

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



26.4495, 0.2587, 0.2026



76.8070, 0.2997, 0.2953



44.1838, 0.2459, 0.2831



15.6811, 0.2972, 0.2892



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.



26.4495, 0.2587, 0.2026



28.9130, 0.2434, 0.1723



32.1997, 0.3036, 0.2176



12.8405, 0.3036, 0.3052



4.0388, 0.1779, 0.0754



0.3090, 0.1962, 0.0855

Inverse Universe

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



32.7248, 0.3530, 0.2565



39.1674, 0.3657, 0.2419



57.4322, 0.3156, 0.4614



13.1924, 0.3192, 0.3140



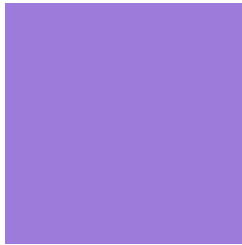
10.0988, 0.4350, 0.2170



0.6704, 0.4116, 0.2041

Previews

White Background



This preview shows how the Yxy color 26.4485, 0.2587, 0.2026 looks on a white background.

Color Contrast Check

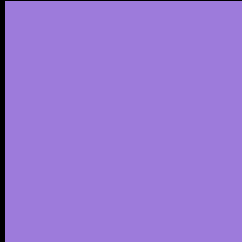
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4485, 0.2587, 0.2026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

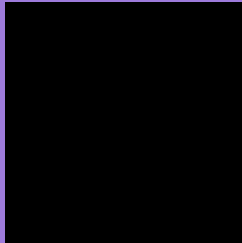
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4485, 0.2587, 0.2026

Background



This preview shows how black text looks on a background with the Yxy color 26.4485, 0.2587, 0.2026.



This preview shows how white text looks on a background with the Yxy color 26.4485, 0.2587, 0.2026.

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

26.4485, 0.2587, 0.2026

Protanopia

26.8279, 0.2143, 0.1973

Deuteranopia

26.6055, 0.2243, 0.2182



Tritanopia

26.5645, 0.3081, 0.3129

Trichromacy



Original Color

26.4485, 0.2587, 0.2026

Protanomaly

26.4587, 0.2278, 0.1991

Deuteranomaly

26.2190, 0.2350, 0.2118

Tritanomaly

26.2206, 0.2893, 0.2669

Monochromacy



Original Color

26.4485, 0.2587, 0.2026

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9382, 0.2922, 0.2757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4485, 0.2587, 0.2026 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(157, 123, 219)` looks like.

```
.text, #text, p{  
    color:rgb(157, 123, 219)  
}
```

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(157, 123, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 123, 219) }
```

Border

The CSS property to change the border of an element to Yxy 26.4485, 0.2587, 0.2026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

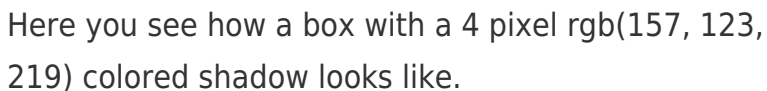
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 123, 219) }
```

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

```
.border{ border-color:rgb(157, 123, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 123, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 123, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 123, 219); box-shadow:4px 4px 4px 4px rgb(157, 123, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4485, 0.2587, 0.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 123, 219) }
```

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

```
.background{ background-color: rgb(157,  
123, 219) }
```

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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