

Converting Colors

$Y_{xy}(26.0185, 0.3481, 0.2048)$

Have a look what the booklet for
Yxy(26.0185, 0.3481, 0.2048)
contains.

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Color

Yxy(26.0159, 0.3487, 0.2048)

Conversions

Conversions Part 1

Format	Color
Hex	E151C7
RGB	225, 81, 199
RGB Percent	88%, 32%, 78%
CMY	0.1178, 0.6822, 0.2196
CMYK	0.00, 0.64, 0.12, 0.12
HSL	311°, 71%, 60%
HSV	311°, 64%, 88%
XYZ	44.2956, 26.0159, 56.7192
YIQ	137.5080, 47.9460, 67.2260

Conversions

Conversions Part 2

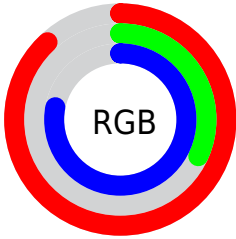
Format	Color
R _Y B	225, 81, 199
Decimal	14766535
CIE Lab	58.05, 68.46, -33.25
CIE LCh	58, 76.110, 334.098
Yxy	26.0159, 0.3487, 0.2048
Android (android.graphics.Color)	4292956615 (0xFFE151C7)
YUV	137.5080, 30.3156, 76.7305
Hunter-Lab	51.0058, 65.7570, -30.2274

Details

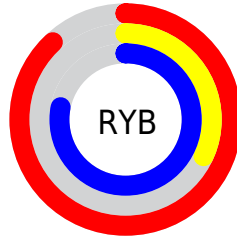
The Yxy color **26.0159, 0.3487, 0.2048** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **56.6478, 0.2925, 0.5025**, and the grayscale version is **25.0932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9452, 0.3179, 0.2178**, and **10.1513, 0.3553, 0.1731** is the 20% darker color. If you saturate the color by 10%, you get **23.0214, 0.3558, 0.1931**, and if you desaturate by 10%, it is **30.1251, 0.3417, 0.2203**.

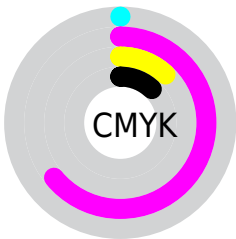
Distribution



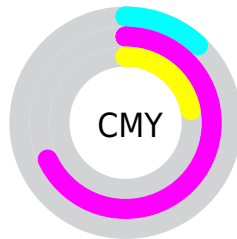
- Red (88%)
- Green (32%)
- Blue (78%)



- Red (88%)
- Yellow (32%)
- Blue (78%)



- Cyan (0%)
- Magenta (64%)
- Yellow (12%)
- Black (12%)





- Cyan (12%)
- Magenta (68%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0159, 0.3487, 0.2048 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 26.0159, 0.3487, 0.2048 by changing the saturation by 10% instead.


 26.0159, 0.3487,
0.2048


 26.0159, 0.3487,
0.2048


282.8601, 0.3323,
0.2650


 16.8355, 0.3522,
0.1906


 53.3006, 0.3432,
0.2261

 10.1173, 0.3563,
0.1731


 72.1737, 0.3410,
0.2343

 5.4768, 0.3611,
0.1508


 95.0465, 0.3391,
0.2412

 2.5296, 0.3664,
0.1222

 122.3035, 0.3374,
0.2473

 0.8914, 0.3712,
0.0853

154.3289, 0.3359,
0.2526

 0.0000, 0.3873,
0.0000

191.5072, 0.3346,


 0.0000, 0.3190,


0.2572


0.0000


234.2228, 0.3334,
0.2613


 0.0000, 0.0000,
0.0000


 26.0159, 0.3487,
0.2048


 26.0159, 0.3487,
0.2048


 23.0214, 0.3558,
0.1931

 30.1251, 0.3417,
0.2203


 21.0238, 0.3628,
0.1857


 35.4440, 0.3351,
0.2386

 19.8852, 0.3694,
0.1830

 42.0617, 0.3290,
0.2587

 19.4795, 0.3733,
0.1830

 50.0578, 0.3235,
0.2796

 59.5055, 0.3185,
0.3006

70.4730, 0.3143,
0.3211

83.0239, 0.3106,
0.3406

93.3194, 0.3076,
0.3531

93.5521, 0.3053,
0.3489

Harmonies

Analogous

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



26.0159, 0.2303, 0.1663



26.0159, 0.3487, 0.2048



26.0159, 0.4797, 0.2661

Triad

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



26.0159, 0.3487, 0.2048



26.0159, 0.4570, 0.5063



26.0159, 0.1205, 0.2453

Complementary

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



26.0159, 0.3487, 0.2048



56.6478, 0.2925, 0.5025

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.



26.0159, 0.1585, 0.3767



26.0159, 0.3487, 0.2048



26.0159, 0.3513, 0.5684

Square

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



26.0159, 0.3487, 0.2048



26.0159, 0.5358, 0.4187



26.0159, 0.2423, 0.5260



26.0159, 0.1214, 0.1776

Rectangle

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



26.0159, 0.3487, 0.2048



26.0159, 0.5383, 0.3137



26.0159, 0.2423, 0.5260



26.0159, 0.1283, 0.2818

Sweetspot

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



26.0172, 0.3487, 0.2048



72.3375, 0.3210, 0.2898



14.3303, 0.2042, 0.1309



14.7290, 0.3224, 0.2838



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.



26.0172, 0.3487, 0.2048



29.4966, 0.3583, 0.1899



23.4791, 0.4479, 0.2771



13.8910, 0.3165, 0.3100



11.2440, 0.3724, 0.1825



0.7906, 0.3630, 0.1774

Inverse Universe

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



26.0172, 0.3487, 0.2048



29.4966, 0.3583, 0.1899



58.7601, 0.2586, 0.3972



13.8910, 0.3165, 0.3100



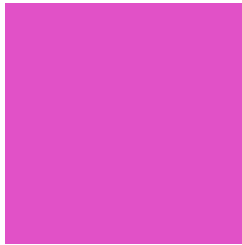
11.2440, 0.3724, 0.1825



0.7906, 0.3630, 0.1774

Previews

White Background



This preview shows how the Yxy color 26.0159, 0.3487, 0.2048 looks on a white background.

Color Contrast Check

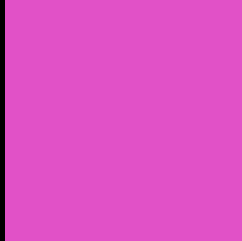
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0159, 0.3487, 0.2048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

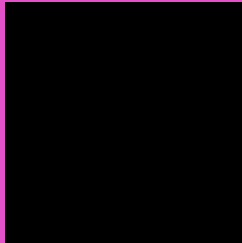
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0159, 0.3487, 0.2048

Background



This preview shows how black text looks on a background with the Yxy color 26.0159, 0.3487, 0.2048.

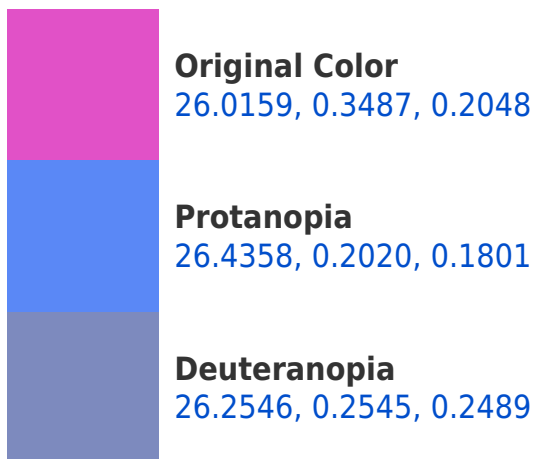


This preview shows how white text looks on a background with the Yxy color 26.0159, 0.3487, 0.2048.

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





Tritanopia

25.8719, 0.4504, 0.3211

Trichromacy



Original Color

26.0159, 0.3487, 0.2048



Protanomaly

23.6369, 0.2356, 0.1794



Deuteranomaly

24.1499, 0.2833, 0.2229



Tritanomaly

25.4394, 0.4126, 0.2731

Monochromacy



Original Color

26.0159, 0.3487, 0.2048



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

23.8067, 0.3276, 0.2663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0159, 0.3487, 0.2048 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(225, 81, 199)` looks like.

```
.text, #text, p{  
    color:rgb(225, 81, 199)  
}
```

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(225, 81, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 81, 199) }
```

Border

The CSS property to change the border of an element to Yxy 26.0159, 0.3487, 0.2048 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(225, 81, 199) }
```

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

```
.border{ border-color:rgb(225, 81, 199) }
```

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

Here you see how a box with a 4 pixel rgb(225, 81, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 81, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 81, 199);  
box-shadow:4px 4px 4px 4px rgb(225, 81,  
199) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.0159, 0.3487, 0.2048$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 81, 199) }
```

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

```
.background{ background-color: rgb(225, 81,  
199) }
```

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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