

Converting Colors

$Y_{xy}(26.5430, 0.3306, 0.1819)$

Have a look what the booklet for
Yxy(26.5430, 0.3306, 0.1819)
contains.

Yxy(26.4656, 0.3306, 0.1818)	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(26.4656, 0.3306, 0.1818)

Conversions

Conversions Part 1

Format	Color
Hex	E745DD
RGB	231, 69, 221
RGB Percent	91%, 27%, 87%
CMY	0.0942, 0.7292, 0.1333
CMYK	0.00, 0.70, 0.04, 0.09
HSL	304°, 77%, 59%
HSV	304°, 70%, 91%
XYZ	48.1272, 26.4656, 70.9825
YIQ	134.7660, 47.7600, 81.6160

Conversions

Conversions Part 2

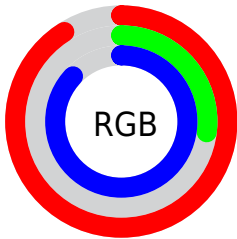
Format	Color
R_{YB}	231, 69, 221
Decimal	15156701
CIE _{Lab}	58.48, 77.50, -45.01
CIE _{LCh}	58, 89.627, 329.854
Yxy	26.4656, 0.3306, 0.1818
Android (android.graphics.Color)	4293346781 (0xFFE745DD)
YUV	134.7660, 42.5134, 84.3972
Hunter-Lab	51.4447, 76.9608, -45.7960

Details

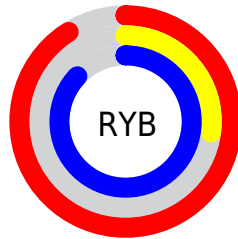
The Yxy color **26.4656, 0.3306, 0.1818** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **58.9663, 0.2990, 0.5436**, and the grayscale version is **23.9715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4453, 0.3183, 0.2103**, and **11.3745, 0.3298, 0.1591** is the 20% darker color. If you saturate the color by 10%, you get **24.0794, 0.3331, 0.1714**, and if you desaturate by 10%, it is **29.9602, 0.3280, 0.1964**.

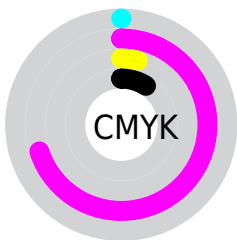
Distribution



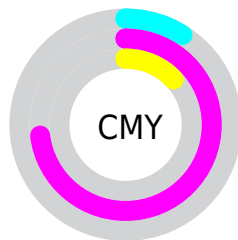
- Red (91%)
- Green (27%)
- Blue (87%)



- Red (91%)
- Yellow (27%)
- Blue (87%)



- Cyan (0%)
- Magenta (70%)
- Yellow (4%)
- Black (9%)




- Cyan (9%)
- Magenta (73%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4656, 0.3306, 0.1818 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 26.4656, 0.3306, 0.1818 by changing the saturation by 10% instead.

 26.4656, 0.3306,
0.1818


 26.4656, 0.3306,
0.1818


285.0603, 0.3251,
0.2505


 17.1723, 0.3309,
0.1665


 54.0251, 0.3294,
0.2055


 10.3574, 0.3308,
0.1479


 73.0601, 0.3287,
0.2148


 5.6366, 0.3297,
0.1253


 96.1111, 0.3280,
0.2228

 2.6254, 0.3265,
0.0975

 123.5626, 0.3273,
0.2298

 0.9394, 0.3186,
0.0642

 155.7988, 0.3267,
0.2359

 0.0000, 0.3087,
0.0000

193.2042, 0.3261,

 0.0000, 0.2540,

0.2413

0.0000

236.1632, 0.3256,
0.2462

■ 0.0000, 0.0000,
0.0000

■ 26.4656, 0.3306,
0.1818

■ 26.4656, 0.3306,
0.1818

■ 24.0794, 0.3331,
0.1714

■ 29.9602, 0.3280,
0.1964

■ 22.6614, 0.3353,
0.1654

■ 34.6743, 0.3252,
0.2146


■ 21.9810, 0.3372,
0.1631


■ 40.7093, 0.3225,
0.2356


■ 48.1553, 0.3198,
0.2584

■ 57.0944, 0.3172,
0.2821

 67.6024, 0.3149,
0.3057

 79.7499, 0.3127,
0.3288

 93.6034, 0.3108,
0.3507

 94.4326, 0.3100,
0.3504

Harmonies

Analogous

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



26.4656, 0.2033, 0.1447



26.4656, 0.3306, 0.1818



26.4656, 0.4871, 0.2448

Triad

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



26.4656, 0.3306, 0.1818



26.4656, 0.4806, 0.5045



26.4656, 0.1015, 0.2452

Complementary

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



26.4656, 0.3306, 0.1818



58.9663, 0.2990, 0.5436

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.



26.4656, 0.1459, 0.4100



26.4656, 0.3306, 0.1818



26.4656, 0.3625, 0.5975

Square

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



26.4656, 0.3306, 0.1818



26.4656, 0.5689, 0.4038



26.4656, 0.2422, 0.5837



26.4656, 0.0991, 0.1641

Rectangle

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



26.4656, 0.3306, 0.1818



26.4656, 0.5632, 0.2944



26.4656, 0.2422, 0.5837



26.4656, 0.1107, 0.2905

Sweetspot

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



26.4668, 0.3306, 0.1818



70.2530, 0.3175, 0.2797



11.6138, 0.1817, 0.1075



14.3425, 0.3182, 0.2731



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.



26.4668, 0.3306, 0.1818



29.2321, 0.3340, 0.1683



23.1964, 0.4387, 0.2547



14.5991, 0.3147, 0.3072



12.3334, 0.3369, 0.1630



0.9161, 0.3344, 0.1616

Inverse Universe

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



26.4668, 0.3306, 0.1818



29.2321, 0.3340, 0.1683



60.8739, 0.2653, 0.4340



14.5991, 0.3147, 0.3072



12.3334, 0.3369, 0.1630



0.9161, 0.3344, 0.1616

Previews

White Background



This preview shows how the Yxy color 26.4656, 0.3306, 0.1818 looks on a white background.

Color Contrast Check

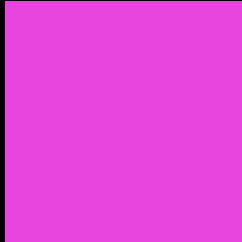
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4656, 0.3306, 0.1818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

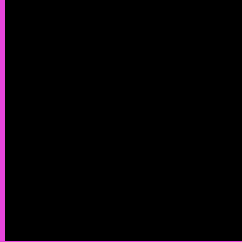
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4656, 0.3306, 0.1818

Background



This preview shows how black text looks on a background with the Yxy color 26.4656, 0.3306, 0.1818.

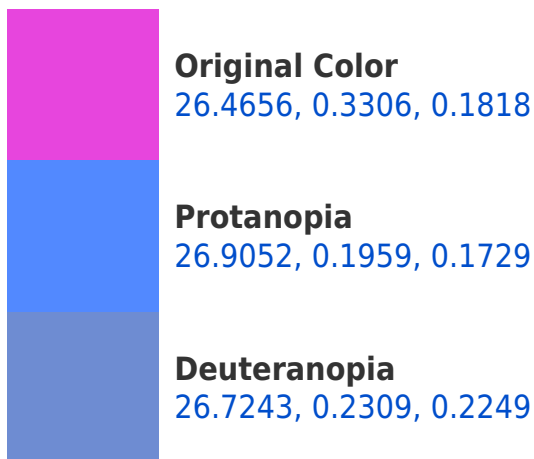


This preview shows how white text looks on a background with the Yxy color 26.4656, 0.3306, 0.1818.

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

26.3331, 0.4537, 0.3212

Trichromacy



Original Color

26.4656, 0.3306, 0.1818



Protanomaly

23.2936, 0.2246, 0.1629



Deuteranomaly

23.7597, 0.2585, 0.1951



Tritanomaly

25.6093, 0.4071, 0.2611

Monochromacy



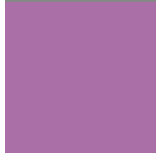
Original Color

26.4656, 0.3306, 0.1818



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.6681, 0.3212, 0.2498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4656, 0.3306, 0.1818 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(231, 69, 221)` looks like.

```
.text, #text, p{  
    color:rgb(231, 69, 221)  
}
```

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(231, 69, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 69, 221) }
```

Border

The CSS property to change the border of an element to Yxy 26.4656, 0.3306, 0.1818 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(231, 69, 221) }
```

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

```
.border{ border-color:rgb(231, 69, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 69, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 69, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 69, 221);  
box-shadow:4px 4px 4px 4px rgb(231, 69,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4656, 0.3306, 0.1818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 69, 221) }
```

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

```
.background{ background-color: rgb(231, 69,  
221) }
```

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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