

Converting Colors

$Y_{xy}(26.4357, 0.3185, 0.1783)$

Have a look what the booklet for
Yxy(26.4357, 0.3185, 0.1783)
contains.

Yxy(26.3961, 0.3187, 0.1781)	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(26.3961, 0.3187, 0.1781)

Conversions

Conversions Part 1

Format	Color
Hex	E14AE2
RGB	225, 74, 226
RGB Percent	88%, 29%, 89%
CMY	0.1176, 0.7099, 0.1136
CMYK	0.00, 0.67, 0.00, 0.11
HSL	300°, 72%, 59%
HSV	300°, 67%, 89%
XYZ	47.2343, 26.3961, 74.5790
YIQ	136.4770, 41.2040, 79.2840

Conversions

Conversions Part 2

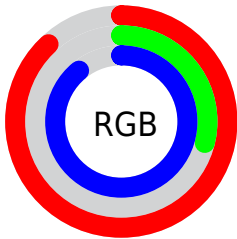
Format	Color
R _Y B	225, 74, 226
Decimal	14764770
CIE Lab	58.41, 75.31, -48.00
CIE LCh	58, 89.305, 327.485
Yxy	26.3961, 0.3187, 0.1781
Android (android.graphics.Color)	4292954850 (0xFFE14AE2)
YUV	136.4770, 44.1348, 77.6347
Hunter-Lab	51.3771, 74.1967, -50.1013

Details

The Yxy color **26.3961, 0.3187, 0.1781** 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 **56.3993, 0.3030, 0.5452**, and the grayscale version is **24.6259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5302, 0.3181, 0.2136**, and **11.0093, 0.3151, 0.1509** is the 20% darker color. If you saturate the color by 10%, you get **23.8790, 0.3191, 0.1658**, and if you desaturate by 10%, it is **29.9991, 0.3181, 0.1945**.

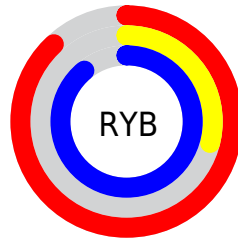
Distribution



Red (88%)

Green (29%)

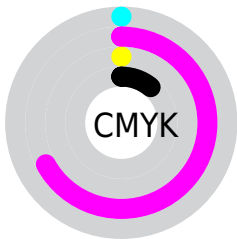
Blue (89%)



Red (88%)

Yellow (29%)

Blue (89%)

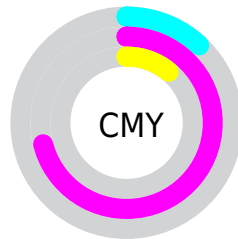


Cyan (0%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (12%)


Magenta (71%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3961, 0.3187, 0.1781 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 26.3961, 0.3187, 0.1781 by changing the saturation by 10% instead.


 26.3961, 0.3187,
0.1781


 26.3961, 0.3187,
0.1781


284.7211, 0.3195,
0.2483


 17.1202, 0.3174,
0.1626


 53.9133, 0.3198,
0.2022


 10.3202, 0.3152,
0.1438


 72.9233, 0.3200,
0.2117

 5.6118, 0.3113,
0.1211


 95.9469, 0.3200,
0.2198

 2.6105, 0.3043,
0.0934

 123.3684, 0.3200,
0.2270

 0.9319, 0.2913,
0.0607

 155.5721, 0.3199,
0.2333

 0.0000, 0.2727,
0.0000

192.9426, 0.3198,


 0.0000, 0.2091,


0.2389


0.0000


235.8641, 0.3196,
0.2438


 0.0000, 0.0000,
0.0000


 26.3961, 0.3187,
0.1781


 26.3961, 0.3187,
0.1781


 23.8790, 0.3191,
0.1658


 29.9991, 0.3181,
0.1945


 22.3219, 0.3193,
0.1579


 34.7886, 0.3174,
0.2144


 21.5641, 0.3193,
0.1540


 40.8581, 0.3165,
0.2370


 21.4236, 0.3192,
0.1532


 48.2905, 0.3155,
0.2613

 57.1618, 0.3145,
0.2863

 67.5424, 0.3135,
0.3113

 79.4982, 0.3124,
0.3355

 93.0911, 0.3114,
0.3585

 93.2420, 0.3115,
0.3587

Harmonies

Analogous

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



26.3961, 0.1959, 0.1434



26.3961, 0.3187, 0.1781



26.3961, 0.4752, 0.2394

Triad

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



26.3961, 0.3187, 0.1781



26.3961, 0.4889, 0.4960



26.3961, 0.1036, 0.2553

Complementary

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



26.3961, 0.3187, 0.1781



56.3993, 0.3030, 0.5452

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.



26.3961, 0.1521, 0.4256



26.3961, 0.3187, 0.1781



26.3961, 0.3723, 0.5917

Square

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



26.3961, 0.3187, 0.1781



26.3961, 0.5729, 0.3967



26.3961, 0.2516, 0.5907



26.3961, 0.0984, 0.1685

Rectangle

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



26.3961, 0.3187, 0.1781



26.3961, 0.5560, 0.2886



26.3961, 0.2516, 0.5907



26.3961, 0.1141, 0.3029

Sweetspot

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



26.3973, 0.3187, 0.1781



71.6012, 0.3148, 0.2791



12.1872, 0.1832, 0.1164



14.6111, 0.3151, 0.2720



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.



26.3973, 0.3187, 0.1781



30.3703, 0.3192, 0.1619



23.3529, 0.4151, 0.2452



13.9307, 0.3137, 0.3059



12.2206, 0.3193, 0.1532



0.8486, 0.3195, 0.1534

Inverse Universe

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



21.5761, 0.5346, 0.3287



23.6397, 0.5971, 0.3291



57.9859, 0.2708, 0.4445



13.7020, 0.3291, 0.3289



9.2269, 0.6393, 0.3296



0.6401, 0.6371, 0.3283

Previews

White Background



This preview shows how the Yxy color 26.3961, 0.3187, 0.1781 looks on a white background.

Color Contrast Check

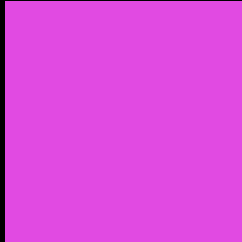
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3961, 0.3187, 0.1781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

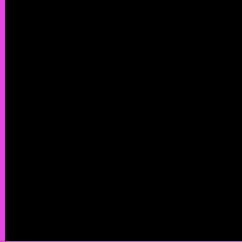
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3961, 0.3187, 0.1781

Background



This preview shows how black text looks on a background with the Yxy color 26.3961, 0.3187, 0.1781.

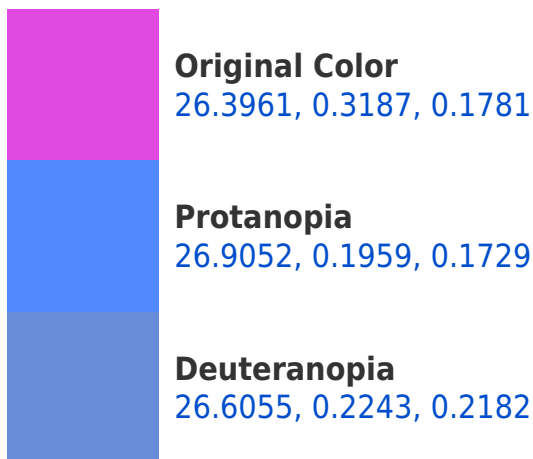


This preview shows how white text looks on a background with the Yxy color 26.3961, 0.3187, 0.1781.

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

26.2187, 0.4367, 0.3195

Trichromacy



Original Color

26.3961, 0.3187, 0.1781



Protanomaly

23.6346, 0.2230, 0.1638



Deuteranomaly

23.9012, 0.2497, 0.1910



Tritanomaly

25.5518, 0.3919, 0.2575

Monochromacy



Original Color

26.3961, 0.3187, 0.1781



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

22.9997, 0.3153, 0.2482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3961, 0.3187, 0.1781 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, 74, 226)` looks like.

```
.text, #text, p{  
  color:rgb(225, 74, 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(225, 74, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 74, 226) }
```

Border

The CSS property to change the border of an element to Yxy 26.3961, 0.3187, 0.1781 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, 74, 226) }
```

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

```
.border{ border-color:rgb(225, 74, 226) }
```

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

Here you see how a box with a 4 pixel rgb(225, 74, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 74, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 74, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 74,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3961, 0.3187, 0.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 74, 226) }
```

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

```
.background{ background-color: rgb(225, 74,  
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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