

Converting Colors

$Y_{xy}(26.1375, 0.2980, 0.1491)$

Have a look what the booklet for
Yxy(26.1375, 0.2980, 0.1491)
contains.

Yxy(26.1036, 0.2979, 0.1490)	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(26.1036, 0.2979, 0.1490)

Conversions

Conversions Part 1

Format	Color
Hex	E82BFF
RGB	232, 43, 255
RGB Percent	91%, 17%, 100%
CMY	0.0902, 0.8312, 0.0000
CMYK	0.09, 0.83, 0.00, 0.00
HSL	293°, 100%, 58%
HSV	293°, 83%, 100%
XYZ	52.1897, 26.1036, 96.8987
YIQ	123.6790, 44.5920, 106.0000

Conversions

Conversions Part 2

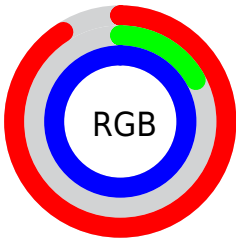
Format	Color
R _Y B	232, 43, 255
Decimal	15215615
CIE Lab	58.14, 89.89, -64.56
CIE LCh	58, 110.667, 324.314
Yxy	26.1036, 0.2979, 0.1490
Android (android.graphics.Color)	4293405695 (0xFFE82BFF)
YUV	123.6790, 64.7413, 94.9975
Hunter-Lab	51.0917, 92.9257, -76.6831

Details

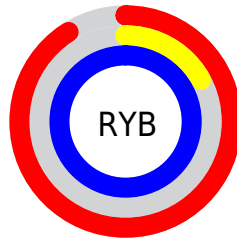
The Yxy color **26.1036, 0.2979, 0.1490** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **72.8548, 0.3060, 0.5799**, and the grayscale version is **19.8208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7415, 0.3188, 0.1986**, and **12.6891, 0.2877, 0.1358** is the 20% darker color. If you saturate the color by 10%, you get **24.3320, 0.2951, 0.1418**, and if you desaturate by 10%, it is **29.0406, 0.3006, 0.1607**.

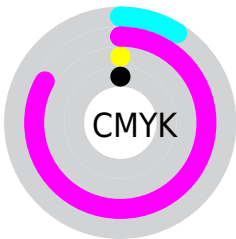
Distribution



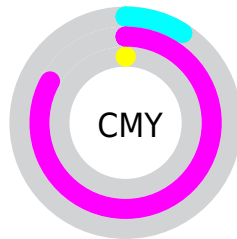
- Red (91%)
- Green (17%)
- Blue (100%)



- Red (91%)
- Yellow (17%)
- Blue (100%)



- Cyan (9%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (83%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1036, 0.2979, 0.1490 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 26.1036, 0.2979, 0.1490 by changing the saturation by 10% instead.


 26.1036, 0.2979,
0.1490


 26.1036, 0.2979,
0.1490


283.2903, 0.3108,
0.2284


 16.9012, 0.2934,
0.1327


 53.4420, 0.3036,
0.1753

 10.1640, 0.2872,
0.1137

 72.3468, 0.3055,
0.1859


 5.5079, 0.2781,
0.0917


 95.2545, 0.3069,
0.1952

 2.5482, 0.2647,
0.0666

 122.5495, 0.3081,
0.2034

 0.9007, 0.2439,
0.0396

 154.6162, 0.3090,
0.2107

 0.0000, 0.2142,
0.0000

191.8389, 0.3097,


 0.0000, 0.1593,


0.2173


0.0000


234.6022, 0.3103,
0.2231

 0.0000, 0.0000,
0.0000

 26.1036, 0.2979,
0.1490


 26.1036, 0.2979,
0.1490

 24.3320, 0.2951,
0.1418

 29.0406, 0.3006,
0.1607


 23.6022, 0.2932,
0.1389

 33.3276, 0.3032,
0.1768


 39.1192, 0.3055,
0.1968

 46.5488, 0.3076,
0.2197

 55.7346, 0.3093,
0.2446

 66.7841, 0.3107,
0.2704

 79.7961, 0.3117,
0.2963

 94.8625, 0.3125,
0.3214

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.1036, 0.1639, 0.1156



26.1036, 0.2979, 0.1490



26.1036, 0.4912, 0.2126

Triad

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



26.1036, 0.2979, 0.1490



26.1036, 0.5126, 0.4874



26.1036, 0.0757, 0.2486

Complementary

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



26.1036, 0.2979, 0.1490



72.8548, 0.3060, 0.5799

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.



26.1036, 0.1274, 0.4763



26.1036, 0.2979, 0.1490



26.1036, 0.3746, 0.6254

Square

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



26.1036, 0.2979, 0.1490



26.1036, 0.6163, 0.3734



26.1036, 0.2376, 0.6735



26.1036, 0.0704, 0.1457

Rectangle

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



26.1036, 0.2979, 0.1490



26.1036, 0.5970, 0.2636



26.1036, 0.2376, 0.6735



26.1036, 0.0864, 0.3099

Sweetspot

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



26.1045, 0.2979, 0.1490



64.5616, 0.3104, 0.2655



11.8408, 0.1639, 0.0920



12.9684, 0.3100, 0.2564



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.



26.1045, 0.2979, 0.1490



23.6022, 0.2932, 0.1389



26.0369, 0.4211, 0.2205



18.1943, 0.3121, 0.3055



12.3730, 0.2936, 0.1391



1.2322, 0.2969, 0.1409

Inverse Universe

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



23.3846, 0.5832, 0.3165



21.3423, 0.6299, 0.3243



73.4971, 0.2785, 0.5064



18.0191, 0.3277, 0.3264



11.1621, 0.6275, 0.3230



1.0968, 0.6050, 0.3106

Previews

White Background



This preview shows how the Yxy color 26.1036, 0.2979, 0.1490 looks on a white background.

Color Contrast Check

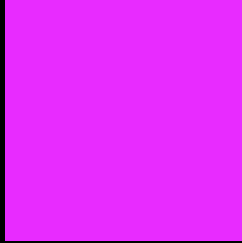
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1036, 0.2979, 0.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

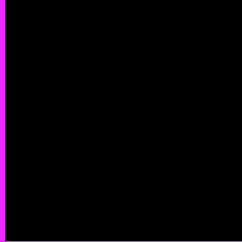
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1036, 0.2979, 0.1490

Background



This preview shows how black text looks on a background with the Yxy color 26.1036, 0.2979, 0.1490.



This preview shows how white text looks on a background with the Yxy color 26.1036, 0.2979, 0.1490.

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

26.1036, 0.2979, 0.1490

Protanopia

26.4480, 0.1941, 0.1711

Deuteranopia

26.4248, 0.1947, 0.1878



Tritanopia

25.7965, 0.4462, 0.3210

Trichromacy



Original Color

26.1036, 0.2979, 0.1490



Protanomaly

21.7911, 0.2154, 0.1438



Deuteranomaly

21.0421, 0.2132, 0.1495



Tritanomaly

24.2753, 0.3886, 0.2376

Monochromacy



Original Color

26.1036, 0.2979, 0.1490



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

18.9495, 0.3067, 0.2181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1036, 0.2979, 0.1490 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(232, 43, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 43, 255)  
}
```

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(232, 43, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 43, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.1036, 0.2979, 0.1490 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(232, 43, 255) }
```

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

```
.border{ border-color:rgb(232, 43, 255) }
```

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

Here you see how a box with a 4 pixel rgb(232, 43, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 43, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 43, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 43,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1036, 0.2979, 0.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 43, 255) }
```

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

```
.background{ background-color: rgb(232, 43,  
255) }
```

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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