

Converting Colors

$Y_{xy}(26.0232, 0.3312, 0.1677)$

Have a look what the booklet for
Yxy(26.0232, 0.3312, 0.1677)
contains.

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Color

Yxy(26.0562, 0.3312, 0.1676)

Conversions

Conversions Part 1

Format	Color
Hex	F129E7
RGB	241, 41, 231
RGB Percent	95%, 16%, 91%
CMY	0.0549, 0.8391, 0.0941
CMYK	0.00, 0.83, 0.04, 0.05
HSL	303°, 88%, 55%
HSV	303°, 83%, 95%
XYZ	51.4905, 26.0562, 77.9199
YIQ	122.4600, 58.2100, 101.4900

Conversions

Conversions Part 2

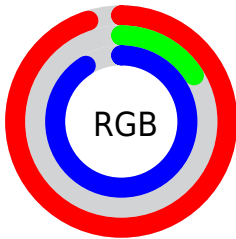
Format	Color
R _Y B	241, 41, 231
Decimal	15804903
CIE Lab	58.09, 88.24, -51.15
CIE LCh	58, 101.997, 329.901
Yxy	26.0562, 0.3312, 0.1676
Android (android.graphics.Color)	4293994983 (0xFFFF129E7)
YUV	122.4600, 53.5102, 103.9596
Hunter-Lab	51.0453, 90.7278, -54.7736

Details

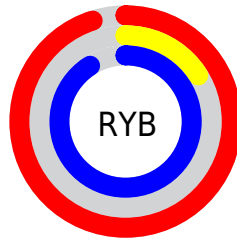
The Yxy color **26.0562, 0.3312, 0.1676** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **63.6173, 0.2990, 0.5770**, and the grayscale version is **19.4338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5146, 0.3189, 0.1978**, and **12.7984, 0.3280, 0.1580** is the 20% darker color. If you saturate the color by 10%, you get **24.8003, 0.3330, 0.1628**, and if you desaturate by 10%, it is **28.3334, 0.3292, 0.1768**.

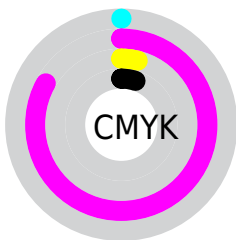
Distribution



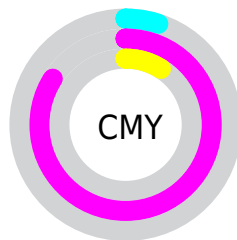
- Red (95%)
- Green (16%)
- Blue (91%)



- Red (95%)
- Yellow (16%)
- Blue (91%)



- Cyan (0%)
- Magenta (83%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (84%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0562, 0.3312, 0.1676 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 26.0562, 0.3312, 0.1676 by changing the saturation by 10% instead.


 26.0562, 0.3312,
0.1676


 26.0562, 0.3312,
0.1676


283.0579, 0.3263,
0.2413


 16.8657, 0.3312,
0.1517


 53.3656, 0.3304,
0.1926


 10.1388, 0.3305,
0.1328


 72.2533, 0.3298,
0.2025


 5.4911, 0.3286,
0.1101


 95.1421, 0.3292,
0.2111

 2.5382, 0.3242,
0.0832

 122.4165, 0.3285,
0.2186

 0.8957, 0.3147,
0.0523

 154.4609, 0.3279,
0.2253

 0.0000, 0.3008,
0.0000

191.6597, 0.3274,

 0.0000, 0.2517,

0.2312

0.0000

234.3972, 0.3268,
0.2365

■ 0.0000, 0.0000,
0.0000

■ 26.0562, 0.3312,
0.1676

■ 26.0562, 0.3312,
0.1676

■ 24.8003, 0.3330,
0.1628

■ 28.3334, 0.3292,
0.1768


■ 24.3540, 0.3341,
0.1614


■ 31.7897, 0.3270,
0.1903


■ 36.5599, 0.3246,
0.2076


■ 42.7592, 0.3222,
0.2281

■ 50.4907, 0.3198,
0.2507

 59.8478, 0.3175,
0.2745

 70.9163, 0.3153,
0.2985

 83.7763, 0.3133,
0.3221

 96.6205, 0.3116,
0.3420

Harmonies

Analogous

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



26.0562, 0.1909, 0.1289



26.0562, 0.3312, 0.1676



26.0562, 0.5105, 0.2338

Triad

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



26.0562, 0.3312, 0.1676



26.0562, 0.4877, 0.5123



26.0562, 0.0829, 0.2307

Complementary

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



26.0562, 0.3312, 0.1676



63.6173, 0.2990, 0.5770

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.



26.0562, 0.1257, 0.4195



26.0562, 0.3312, 0.1676



26.0562, 0.3539, 0.6264

Square

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



26.0562, 0.3312, 0.1676



26.0562, 0.5899, 0.3974



26.0562, 0.2259, 0.6270



26.0562, 0.0825, 0.1465

Rectangle

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



26.0562, 0.3312, 0.1676



26.0562, 0.5953, 0.2849



26.0562, 0.2259, 0.6270



26.0562, 0.0913, 0.2805

Sweetspot

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



26.0574, 0.3312, 0.1676



65.6473, 0.3179, 0.2694



8.5598, 0.1620, 0.0776



13.2327, 0.3188, 0.2610



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.



26.0574, 0.3312, 0.1676



27.6866, 0.3341, 0.1614



22.0186, 0.4695, 0.2497



16.0170, 0.3146, 0.3069



13.2138, 0.3338, 0.1613



1.1034, 0.3320, 0.1602

Inverse Universe

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



26.0574, 0.3312, 0.1676



27.6866, 0.3341, 0.1614



65.5061, 0.2659, 0.4622



16.0170, 0.3146, 0.3069



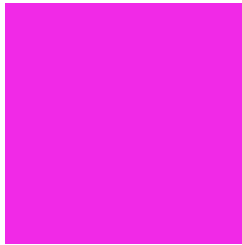
13.2138, 0.3338, 0.1613



1.1034, 0.3320, 0.1602

Previews

White Background



This preview shows how the Yxy color 26.0562, 0.3312, 0.1676 looks on a white background.

Color Contrast Check

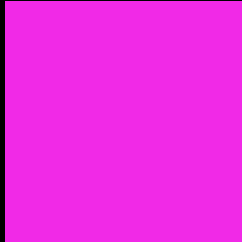
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0562, 0.3312, 0.1676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

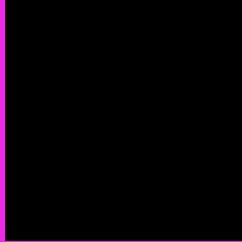
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0562, 0.3312, 0.1676

Background



This preview shows how black text looks on a background with the Yxy color 26.0562, 0.3312, 0.1676.

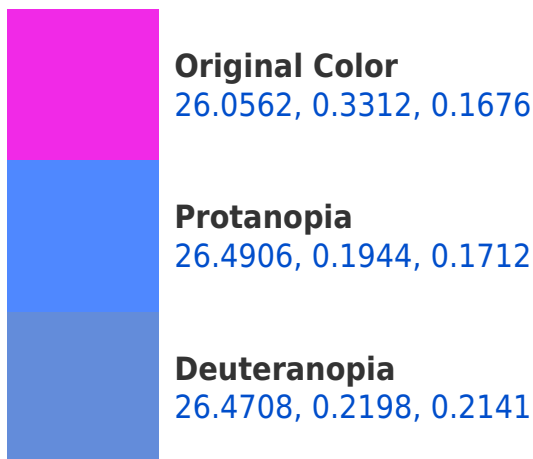


This preview shows how white text looks on a background with the Yxy color 26.0562, 0.3312, 0.1676.

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

26.0226, 0.4806, 0.3230

Trichromacy



Original Color

26.0562, 0.3312, 0.1676



Protanomaly

21.3645, 0.2225, 0.1496



Deuteranomaly

21.8077, 0.2478, 0.1741



Tritanomaly

24.8334, 0.4260, 0.2533

Monochromacy



Original Color

26.0562, 0.3312, 0.1676



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

18.4367, 0.3213, 0.2283

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0562, 0.3312, 0.1676 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(241, 41, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 41, 231)  
}
```

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(241, 41, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 41, 231) }
```

Border

The CSS property to change the border of an element to Yxy 26.0562, 0.3312, 0.1676 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(241, 41, 231) }
```

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

```
.border{ border-color:rgb(241, 41, 231) }
```

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

Here you see how a box with a 4 pixel rgb(241, 41, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 41, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 41, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 41,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0562, 0.3312, 0.1676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 41, 231) }
```

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

```
.background{ background-color: rgb(241, 41,  
231) }
```

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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