

Converting Colors

$Y_{xy}(26.3017, 0.3125, 0.1495)$

Have a look what the booklet for
Yxy(26.3017, 0.3125, 0.1495)
contains.

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Color

Yxy(26.2614, 0.3129, 0.1497)

Conversions

Conversions Part 1

Format	Color
Hex	F400FC
RGB	244, 0, 252
RGB Percent	96%, 0%, 99%
CMY	0.0430, 1.0000, 0.0117
CMYK	0.03, 1.00, 0.00, 0.01
HSL	298°, 100%, 49%
HSV	298°, 100%, 99%
XYZ	54.8911, 26.2614, 94.2744
YIQ	101.6840, 64.5320, 130.1000

Conversions

Conversions Part 2

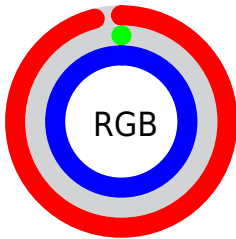
Format	Color
R _Y B	244, 0, 252
Decimal	15991036
CIE Lab	58.28, 96.19, -62.55
CIE LCh	58, 114.737, 326.967
Yxy	26.2614, 0.3129, 0.1497
Android (android.graphics.Color)	4294181116 (0xFFFF400FC)
YUV	101.6840, 74.1058, 124.8111
Hunter-Lab	51.2459, 101.5166, -73.2006

Details

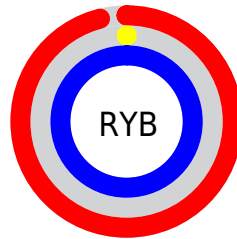
The Yxy color **26.2614, 0.3129, 0.1497** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **69.6747, 0.3005, 0.5996**, and the grayscale version is **12.9959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.9623, 0.3067, 0.1463** is the 20% darker color. If you saturate the color by 10%, you get **26.2701, 0.3129, 0.1497**, and if you desaturate by 10%, it is **27.1166, 0.3136, 0.1532**.

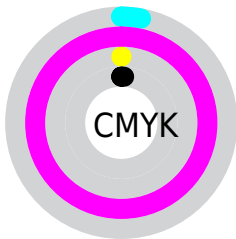
Distribution



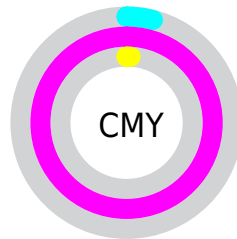
- Red (96%)
- Green (0%)
- Blue (99%)



- Red (96%)
- Yellow (0%)
- Blue (99%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (4%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2614, 0.3129, 0.1497 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 26.2614, 0.3129, 0.1497 by changing the saturation by 10% instead.


 26.2614, 0.3129,
0.1497


 26.2614, 0.3129,
0.1497


284.0629, 0.3184,
0.2286


 17.0193, 0.3102,
0.1335


 53.6963, 0.3160,
0.1758


 10.2483, 0.3060,
0.1146


 72.6580, 0.3169,
0.1863


 5.5639, 0.2997,
0.0927


 95.6283, 0.3175,
0.1956

 2.5817, 0.2896,
0.0677

 122.9916, 0.3179,
0.2038

 0.9175, 0.2730,
0.0406

 155.1323, 0.3181,
0.2110

 0.0000, 0.2488,
0.0000

192.4348, 0.3183,

 0.0000, 0.1976,

0.2175

0.0000

235.2836, 0.3184,
0.2234

■ 0.0000, 0.0308,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.2614, 0.3129,
0.1497

■ 26.2614, 0.3129,
0.1497

■ 26.2701, 0.3129,
0.1497

■ 27.1166, 0.3136,
0.1532

■ 28.8717, 0.3142,
0.1602

■ 31.8141, 0.3146,
0.1717

■ 36.1134, 0.3148,
0.1875

41.9119, 0.3148,
0.2070

49.3339, 0.3147,
0.2294

58.4907, 0.3143,
0.2537

69.4840, 0.3139,
0.2790

82.4073, 0.3133,
0.3043

Harmonies

Analogous

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



26.2614, 0.1692, 0.1133



26.2614, 0.3129, 0.1497



26.2614, 0.5139, 0.2160

Triad

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



26.2614, 0.3129, 0.1497



26.2614, 0.5014, 0.4986



26.2614, 0.0692, 0.2311

Complementary

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



26.2614, 0.3129, 0.1497



69.6747, 0.3005, 0.5996

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.



26.2614, 0.1148, 0.4560



26.2614, 0.3129, 0.1497



26.2614, 0.3583, 0.6417

Square

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



26.2614, 0.3129, 0.1497



26.2614, 0.6161, 0.3795



26.2614, 0.2212, 0.6797



26.2614, 0.0675, 0.1362

Rectangle

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



26.2614, 0.3129, 0.1497



26.2614, 0.6153, 0.2674



26.2614, 0.2212, 0.6797



26.2614, 0.0781, 0.2894

Sweetspot

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



26.2701, 0.3129, 0.1497



60.0649, 0.3143, 0.2537



7.2109, 0.1504, 0.0614



11.9593, 0.3145, 0.2432



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.



26.2701, 0.3129, 0.1497



26.9848, 0.3129, 0.1497



22.4287, 0.4856, 0.2449



17.4950, 0.3133, 0.3056



13.6968, 0.3130, 0.1498



1.2771, 0.3140, 0.1504

Inverse Universe

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



20.7137, 0.6378, 0.3287



21.2776, 0.6378, 0.3287



70.9219, 0.2764, 0.5151



17.2341, 0.3289, 0.3283



10.7935, 0.6368, 0.3282



1.0027, 0.6289, 0.3238

Previews

White Background



This preview shows how the Yxy color 26.2614, 0.3129, 0.1497 looks on a white background.

Color Contrast Check

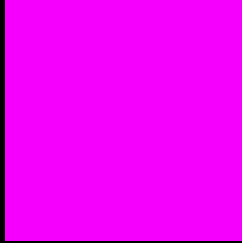
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2614, 0.3129, 0.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

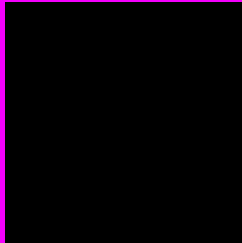
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2614, 0.3129, 0.1497

Background



This preview shows how black text looks on a background with the Yxy color 26.2614, 0.3129, 0.1497.



This preview shows how white text looks on a background with the Yxy color 26.2614, 0.3129, 0.1497.

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

26.2614, 0.3129, 0.1497

Protanopia

27.1463, 0.1958, 0.1741

Deuteranopia

26.9563, 0.2009, 0.1944



Tritanopia

26.4583, 0.4752, 0.3219

Trichromacy



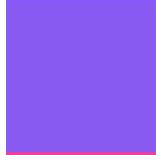
Original Color

26.2614, 0.3129, 0.1497



Protanomaly

19.7107, 0.2179, 0.1334



Deuteranomaly

18.9574, 0.2212, 0.1405



Tritanomaly

23.5506, 0.4170, 0.2340

Monochromacy



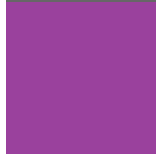
Original Color

26.2614, 0.3129, 0.1497



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

13.0849, 0.3147, 0.1933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2614, 0.3129, 0.1497 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(244, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 0, 252)  
}
```

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(244, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 0, 252) }
```

Border

The CSS property to change the border of an element to Yxy 26.2614, 0.3129, 0.1497 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(244, 0, 252) }
```

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

```
.border{ border-color:rgb(244, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(244, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 0,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2614, 0.3129, 0.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 0, 252) }
```

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

```
.background{ background-color: rgb(244, 0,  
252) }
```

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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