

Converting Colors

$Y_{xy}(26.2572, 0.3263, 0.1571)$

Have a look what the booklet for
Yxy(26.2572, 0.3263, 0.1571)
contains.

Yxy(26.1850, 0.3261, 0.1570)	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(26.1850, 0.3261, 0.1570)

Conversions

Conversions Part 1

Format	Color
Hex	F700F2
RGB	247, 0, 242
RGB Percent	97%, 0%, 95%
CMY	0.0314, 1.0000, 0.0509
CMYK	0.00, 1.00, 0.02, 0.03
HSL	301°, 100%, 48%
HSV	301°, 100%, 97%
XYZ	54.3881, 26.1850, 86.2104
YIQ	101.4410, 69.5300, 127.6260

Conversions

Conversions Part 2

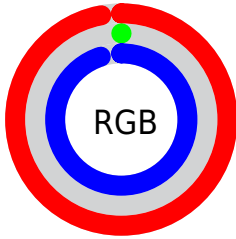
Format	Color
R_{YB}	247, 0, 242
Decimal	16187634
CIE _{Lab}	58.21, 95.23, -57.07
CIE _{LCh}	58, 111.019, 329.064
Yxy	26.1850, 0.3261, 0.1570
Android (android.graphics.Color)	4294377714 (0xFFFF700F2)
YUV	101.4410, 69.2956, 127.6552
Hunter-Lab	51.1713, 100.1714, -64.0684

Details

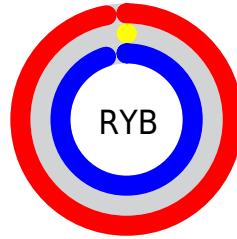
The Yxy color **26.1850, 0.3261, 0.1570** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **66.5345, 0.2998, 0.5991**, and the grayscale version is **12.9387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.9419, 0.3223, 0.1549** is the 20% darker color. If you saturate the color by 10%, you get **26.1870, 0.3261, 0.1570**, and if you desaturate by 10%, it is **26.8995, 0.3254, 0.1597**.

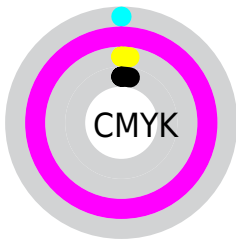
Distribution



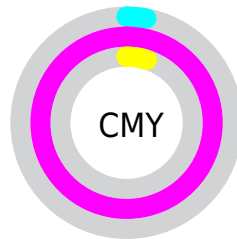
- Red (97%)
- Green (0%)
- Blue (95%)



- Red (97%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1850, 0.3261, 0.1570 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 26.1850, 0.3261, 0.1570 by changing the saturation by 10% instead.

 26.1850, 0.3261,
0.1570

 26.1850, 0.3261,
0.1570


283.6891, 0.3245,
0.2338


 16.9621, 0.3251,
0.1409


 53.5732, 0.3266,
0.1826


 10.2075, 0.3232,
0.1220


 72.5074, 0.3265,
0.1929


 5.5367, 0.3197,
0.0997


 95.4474, 0.3262,
0.2019

 2.5655, 0.3131,
0.0739

 122.7776, 0.3259,
0.2099

 0.9093, 0.3009,
0.0453

 154.8825, 0.3256,
0.2169

 0.0000, 0.2828,
0.0000

192.1464, 0.3253,

 0.0000, 0.2342,

0.2231

0.0000

234.9538, 0.3249,
0.2288

■ 0.0000, 0.0220,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.1850, 0.3261,
0.1570

■ 26.1850, 0.3261,
0.1570

■ 26.1870, 0.3261,
0.1570

■ 26.8995, 0.3254,
0.1597

■ 28.4773, 0.3245,
0.1660

■ 31.1882, 0.3234,
0.1767

■ 35.1934, 0.3221,
0.1917

40.6284, 0.3206,
0.2104

47.6113, 0.3190,
0.2320

56.2482, 0.3174,
0.2556

66.6358, 0.3158,
0.2802

78.8633, 0.3142,
0.3049

Harmonies

Analogous

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



26.1850, 0.1798, 0.1185



26.1850, 0.3261, 0.1570



26.1850, 0.5210, 0.2243

Triad

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



26.1850, 0.3261, 0.1570



26.1850, 0.4915, 0.5085



26.1850, 0.0722, 0.2248

Complementary

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



26.1850, 0.3261, 0.1570



66.5345, 0.2998, 0.5991

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.



26.1850, 0.1147, 0.4333



26.1850, 0.3261, 0.1570



26.1850, 0.3512, 0.6430

Square

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



26.1850, 0.3261, 0.1570



26.1850, 0.6054, 0.3892



26.1850, 0.2174, 0.6604



26.1850, 0.0722, 0.1369

Rectangle

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



26.1850, 0.3261, 0.1570



26.1850, 0.6138, 0.2757



26.1850, 0.2174, 0.6604



26.1850, 0.0803, 0.2785

Sweetspot

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



26.1870, 0.3261, 0.1570



60.4212, 0.3174, 0.2555



6.7422, 0.1504, 0.0602



12.0462, 0.3181, 0.2453



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.



26.1870, 0.3261, 0.1570



28.1533, 0.3261, 0.1570



21.1159, 0.5070, 0.2566



16.7622, 0.3141, 0.3061



13.8517, 0.3260, 0.1570



1.2192, 0.3253, 0.1566

Inverse Universe

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



26.1870, 0.3261, 0.1570



28.1533, 0.3261, 0.1570



68.0721, 0.2717, 0.4980



16.7622, 0.3141, 0.3061



13.8517, 0.3260, 0.1570



1.2192, 0.3253, 0.1566

Previews

White Background



This preview shows how the Yxy color 26.1850, 0.3261, 0.1570 looks on a white background.

Color Contrast Check

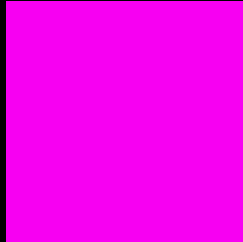
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1850, 0.3261, 0.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

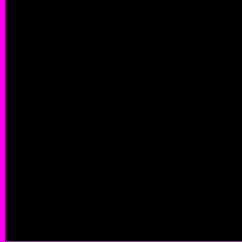
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1850, 0.3261, 0.1570

Background



This preview shows how black text looks on a background with the Yxy color 26.1850, 0.3261, 0.1570.



This preview shows how white text looks on a background with the Yxy color 26.1850, 0.3261, 0.1570.

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

26.1850, 0.3261, 0.1570

Protanopia

26.8607, 0.1955, 0.1728

Deuteranopia

26.7197, 0.2106, 0.2046



Tritanopia

26.2798, 0.4886, 0.3233

Trichromacy



Original Color

26.1850, 0.3261, 0.1570



Protanomaly

19.3812, 0.2205, 0.1350



Deuteranomaly

19.2495, 0.2353, 0.1506



Tritanomaly

23.5032, 0.4319, 0.2405

Monochromacy



Original Color

26.1850, 0.3261, 0.1570



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.8038, 0.3219, 0.1979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1850, 0.3261, 0.1570 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(247, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 242)  
}
```

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(247, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 242) }
```

Border

The CSS property to change the border of an element to Yxy 26.1850, 0.3261, 0.1570 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(247, 0, 242) }
```

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

```
.border{ border-color:rgb(247, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1850, 0.3261, 0.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 242) }
```

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

```
.background{ background-color: rgb(247, 0,  
242) }
```

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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