

Converting Colors

$Y_{xy}(26.9627, 0.3207, 0.1595)$

Have a look what the booklet for
Yxy(26.9627, 0.3207, 0.1595)
contains.

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Color

Yxy(26.9668, 0.3207, 0.1594)

Conversions

Conversions Part 1

Format	Color
Hex	F423F4
RGB	244, 35, 244
RGB Percent	96%, 14%, 96%
CMY	0.0429, 0.8634, 0.0430
CMYK	0.00, 0.86, 0.00, 0.04
HSL	300°, 91%, 55%
HSV	300°, 86%, 96%
XYZ	54.2550, 26.9668, 87.9551
YIQ	121.3170, 57.4750, 109.3070

Conversions

Conversions Part 2

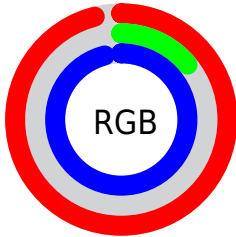
Format	Color
RYB	244, 35, 244
Decimal	15999988
CIELab	58.94, 91.73, -57.05
CIElCh	59, 108.028, 328.122
Yxy	26.9668, 0.3207, 0.1594
Android (android.graphics.Color)	4294190068 (0xFFFF423F4)
YUV	121.3170, 60.4827, 107.5930
Hunter-Lab	51.9296, 95.6167, -64.0710

Details

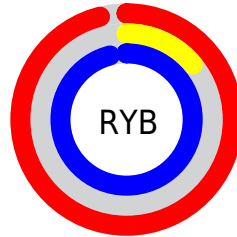
The Yxy color **26.9668, 0.3207, 0.1594** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **65.2084, 0.3006, 0.5876**, and the grayscale version is **18.9874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0683, 0.3189, 0.1964**, and **13.6551, 0.3156, 0.1512** is the 20% darker color. If you saturate the color by 10%, you get **26.0021, 0.3209, 0.1552**, and if you desaturate by 10%, it is **28.9283, 0.3203, 0.1677**.

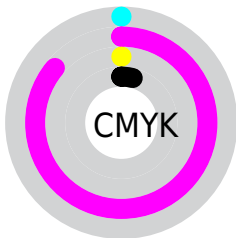
Distribution



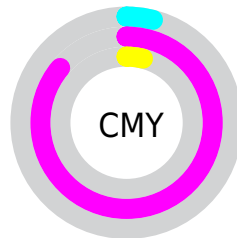
- Red (96%)
- Green (14%)
- Blue (96%)



- Red (96%)
- Yellow (14%)
- Blue (96%)



- Cyan (0%)
- Magenta (86%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (86%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9668, 0.3207, 0.1594 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 26.9668, 0.3207, 0.1594 by changing the saturation by 10% instead.


 26.9668, 0.3207,
0.1594


 26.9668, 0.3207,
0.1594


287.4963, 0.3217,
0.2352


 17.5483, 0.3192,
0.1435


 54.8306, 0.3221,
0.1847


 10.6262, 0.3166,
0.1247


 74.0447, 0.3223,
0.1949


 5.8161, 0.3122,
0.1027


 97.2927, 0.3224,
0.2037

 2.7336, 0.3047,
0.0770

 124.9591, 0.3223,
0.2116

 0.9943, 0.2914,
0.0482

 157.4283, 0.3222,
0.2185

 0.0000, 0.2724,
0.0000

195.0846, 0.3221,

 0.0000, 0.2225,

0.2246

0.0000

238.3125, 0.3219,
0.2302

■ 0.0000, 0.0152,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.9668, 0.3207,
0.1594

■ 26.9668, 0.3207,
0.1594

■ 26.0021, 0.3209,
0.1552

■ 28.9283, 0.3203,
0.1677

■ 25.7757, 0.3210,
0.1542

■ 32.0613, 0.3197,
0.1805

■ 36.5113, 0.3189,
0.1973

■ 42.4018, 0.3180,
0.2175

49.8423, 0.3169,
0.2404

58.9314, 0.3157,
0.2649

69.7597, 0.3145,
0.2900

82.4114, 0.3134,
0.3150

96.9649, 0.3122,
0.3392

Harmonies

Analogous

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



26.9668, 0.1802, 0.1222



26.9668, 0.3207, 0.1594



26.9668, 0.5086, 0.2253

Triad

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



26.9668, 0.3207, 0.1594



26.9668, 0.4955, 0.5045



26.9668, 0.0778, 0.2335

Complementary

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



26.9668, 0.3207, 0.1594



65.2084, 0.3006, 0.5876

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.



26.9668, 0.1229, 0.4382



26.9668, 0.3207, 0.1594



26.9668, 0.3585, 0.6311

Square

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



26.9668, 0.3207, 0.1594



26.9668, 0.6015, 0.3885



26.9668, 0.2268, 0.6500



26.9668, 0.0761, 0.1434

Rectangle

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



26.9668, 0.3207, 0.1594



26.9668, 0.6015, 0.2765



26.9668, 0.2268, 0.6500



26.9668, 0.0867, 0.2874

Sweetspot

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



26.9681, 0.3207, 0.1594



64.7457, 0.3158, 0.2641



8.0813, 0.1574, 0.0722



13.0711, 0.3162, 0.2555



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.



26.9681, 0.3207, 0.1594



28.4780, 0.3210, 0.1542



22.3117, 0.4653, 0.2436



16.7683, 0.3138, 0.3057



14.0085, 0.3210, 0.1542



1.2312, 0.3209, 0.1542

Inverse Universe

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



26.9681, 0.3207, 0.1594



28.4780, 0.3210, 0.1542



66.9649, 0.2692, 0.4775



16.7683, 0.3138, 0.3057



14.0085, 0.3210, 0.1542



1.2312, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 26.9668, 0.3207, 0.1594 looks on a white background.

Color Contrast Check

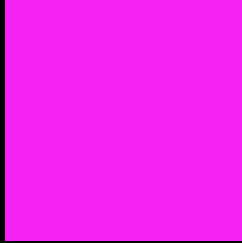
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9668, 0.3207, 0.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

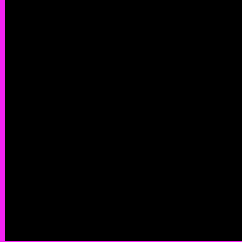
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9668, 0.3207, 0.1594

Background



This preview shows how black text looks on a background with the Yxy color 26.9668, 0.3207, 0.1594.



This preview shows how white text looks on a background with the Yxy color 26.9668, 0.3207, 0.1594.

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

26.9668, 0.3207, 0.1594

Protanopia

27.5701, 0.1973, 0.1758

Deuteranopia

27.1830, 0.2097, 0.2030



Tritanopia

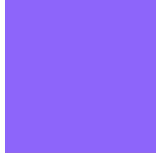
26.8130, 0.4755, 0.3230

Trichromacy



Original Color

26.9668, 0.3207, 0.1594



Protanomaly

22.0232, 0.2229, 0.1478



Deuteranomaly

21.7184, 0.2346, 0.1616



Tritanomaly

25.0616, 0.4184, 0.2466

Monochromacy



Original Color

26.9668, 0.3207, 0.1594



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.1725, 0.3178, 0.2199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9668, 0.3207, 0.1594 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, 35, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 35, 244)  
}
```

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, 35, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 35, 244) }
```

Border

The CSS property to change the border of an element to Yxy 26.9668, 0.3207, 0.1594 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, 35, 244) }
```

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

```
.border{ border-color:rgb(244, 35, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 35, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 35, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 35, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 35,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9668, 0.3207, 0.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 35, 244) }
```

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

```
.background{ background-color: rgb(244, 35,  
244) }
```

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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