

Converting Colors

$Yxy(37.0714, 0.3293, 0.2026)$

Have a look what the booklet for
Yxy(37.0714, 0.3293, 0.2026)
contains.

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Color

Yxy(37.0714, 0.3293, 0.2026)

Conversions

Conversions Part 1

Format	Color
Hex	FA6BEF
RGB	250, 107, 239
RGB Percent	98%, 42%, 94%
CMY	0.0197, 0.5803, 0.0627
CMYK	0.00, 0.57, 0.04, 0.02
HSL	305°, 93%, 70%
HSV	305°, 57%, 98%
XYZ	60.2547, 37.0714, 85.6521
YIQ	164.8050, 42.8560, 71.3680

Conversions

Conversions Part 2

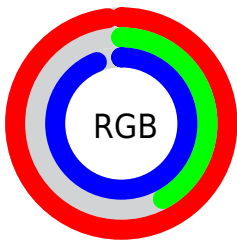
Format	Color
R _Y B	250, 107, 239
Decimal	16411631
CIE Lab	67.33, 70.34, -40.95
CIE LCh	67, 81.393, 329.793
Yxy	37.0714, 0.3293, 0.2026
Android (android.graphics.Color)	4294601711 (0xFFFA6BEF)
YUV	164.8050, 36.5781, 74.7160
Hunter-Lab	60.8863, 70.0975, -40.7861

Details

The Yxy color **37.0714, 0.3293, 0.2026** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **72.7866, 0.2997, 0.5013**, and the grayscale version is **37.3400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3903, 0.3168, 0.2412**, and **16.2428, 0.3293, 0.1741** is the 20% darker color. If you saturate the color by 10%, you get **32.4783, 0.3325, 0.1870**, and if you desaturate by 10%, it is **43.1753, 0.3261, 0.2216**.

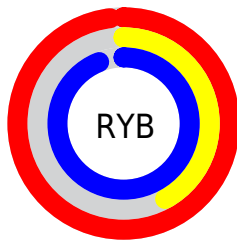
Distribution



Red (98%)

Green (42%)

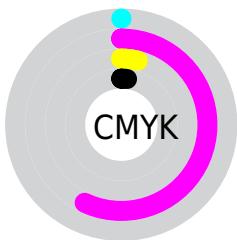
Blue (94%)



Red (98%)

Yellow (42%)

Blue (94%)

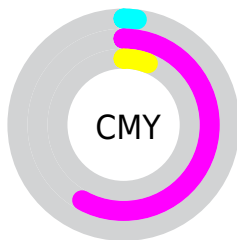


Cyan (0%)

Magenta (57%)

Yellow (4%)

Black (2%)



Cyan (2%)


Magenta (58%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0714, 0.3293, 0.2026 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 37.0714, 0.3293, 0.2026 by changing the saturation by 10% instead.


 37.0714, 0.3293,
0.2026


 37.0714, 0.3293,
0.2026


333.6195, 0.3237,
0.2600


 25.2628, 0.3300,
0.1900


 70.6826, 0.3278,
0.2222

 16.2729, 0.3305,
0.1748


 93.2539, 0.3271,
0.2299

 9.7175, 0.3306,
0.1561


 120.1817, 0.3265,
0.2366

 5.2121, 0.3297,
0.1330

151.8501, 0.3258,
0.2425

 2.3722, 0.3269,
0.1040

188.6438, 0.3253,
0.2476

 0.8115, 0.3193,
0.0683

230.9469, 0.3247,

 0.0000, 0.3085,

0.2522

0.0000

279.1441, 0.3242,
0.2563

■ 0.0000, 0.2170,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 37.0714, 0.3293,
0.2026

■ 37.0714, 0.3293,
0.2026

■ 32.4783, 0.3325,
0.1870

■ 43.1753, 0.3261,
0.2216

■ 29.2570, 0.3355,
0.1756

■ 50.9026, 0.3229,
0.2430

■ 27.2519, 0.3383,
0.1686

■ 60.3613, 0.3198,
0.2659


■ 26.2605, 0.3409,
0.1659


■ 71.6487, 0.3170,
0.2894

 26.0770, 0.3415,
0.1655

 84.8547, 0.3144,
0.3127

 98.7720, 0.3122,
0.3333

 98.8931, 0.3111,
0.3315

 99.0155, 0.3100,
0.3296

 99.0580, 0.3096,
0.3290

Harmonies

Analogous

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



37.0714, 0.2210, 0.1688



37.0714, 0.3293, 0.2026



37.0714, 0.4557, 0.2598

Triad

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



37.0714, 0.3293, 0.2026



37.0714, 0.4667, 0.4898



37.0714, 0.1302, 0.2643

Complementary

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



37.0714, 0.3293, 0.2026



72.7866, 0.2997, 0.5013

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.



37.0714, 0.1744, 0.3965



37.0714, 0.3293, 0.2026



37.0714, 0.3675, 0.5533

Square

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



37.0714, 0.3293, 0.2026



37.0714, 0.5344, 0.4067



37.0714, 0.2612, 0.5285



37.0714, 0.1257, 0.1901

Rectangle

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



37.0714, 0.3293, 0.2026



37.0714, 0.5187, 0.3056



37.0714, 0.2612, 0.5285



37.0714, 0.1400, 0.3025

Sweetspot

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



37.0731, 0.3293, 0.2026



75.1801, 0.3169, 0.2898



21.1739, 0.2070, 0.1471



15.5479, 0.3175, 0.2851



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.



37.0731, 0.3293, 0.2026



33.2410, 0.3331, 0.1846



33.7037, 0.4087, 0.2657



17.5003, 0.3150, 0.3074



13.8459, 0.3412, 0.1653



1.2890, 0.3385, 0.1638

Inverse Universe

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



37.0731, 0.3293, 0.2026



33.2410, 0.3331, 0.1846



75.1110, 0.2682, 0.4084



17.5003, 0.3150, 0.3074



13.8459, 0.3412, 0.1653



1.2890, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 37.0714, 0.3293, 0.2026 looks on a white background.

Color Contrast Check

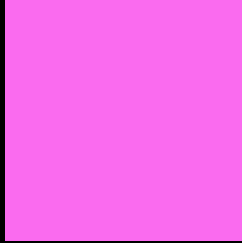
Large Text (above 18pt) WCAG AA × Fail

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 37.0714, 0.3293, 0.2026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

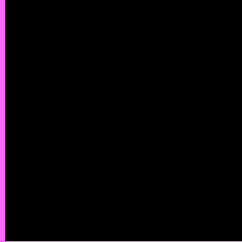
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0714, 0.3293, 0.2026

Background



This preview shows how black text looks on a background with the Yxy color 37.0714, 0.3293, 0.2026.

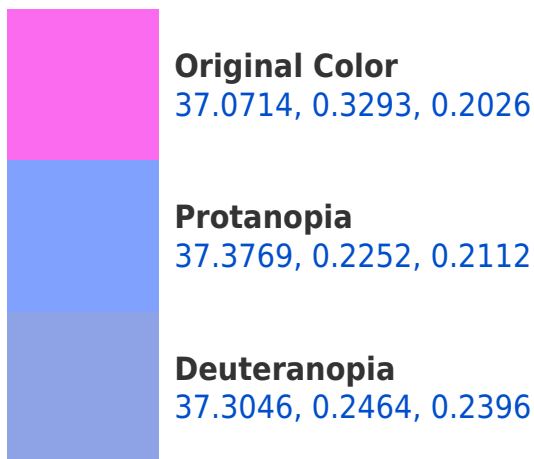


This preview shows how white text looks on a background with the Yxy color 37.0714, 0.3293, 0.2026.

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

36.8062, 0.4213, 0.3182

Trichromacy



Original Color

37.0714, 0.3293, 0.2026



Protanomaly

34.7735, 0.2540, 0.2014



Deuteranomaly

35.0530, 0.2714, 0.2190



Tritanomaly

36.3949, 0.3872, 0.2711

Monochromacy



Original Color

37.0714, 0.3293, 0.2026



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

35.4881, 0.3195, 0.2684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0714, 0.3293, 0.2026 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(250, 107, 239)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 239)  
}
```

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(250, 107, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 239) }
```

Border

The CSS property to change the border of an element to Yxy 37.0714, 0.3293, 0.2026 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(250, 107, 239) }
```

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

```
.border{ border-color:rgb(250, 107, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 107, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 239);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0714, 0.3293, 0.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 239) }
```

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

```
.background{ background-color: rgb(250,  
107, 239) }
```

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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