

Converting Colors

$Y_{xy}(37.1811, 0.3166, 0.2038)$

Have a look what the booklet for
Yxy(37.1811, 0.3166, 0.2038)
contains.

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Color

Yxy(37.1924, 0.3167, 0.2041)

Conversions

Conversions Part 1

Format	Color
Hex	EF74F1
RGB	239, 116, 241
RGB Percent	94%, 45%, 95%
CMY	0.0628, 0.5450, 0.0551
CMYK	0.01, 0.52, 0.00, 0.06
HSL	299°, 82%, 70%
HSV	299°, 52%, 94%
XYZ	57.7111, 37.1924, 87.3229
YIQ	167.0270, 33.1830, 64.9510

Conversions

Conversions Part 2

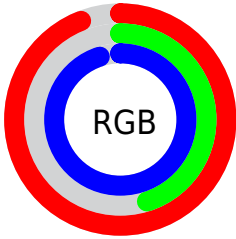
Format	Color
R _Y B	239, 116, 241
Decimal	15693041
CIE _{Lab}	67.42, 63.82, -41.99
CIE _{LCh}	67, 76.393, 326.658
Yxy	37.1924, 0.3167, 0.2041
Android (android.graphics.Color)	4293883121 (0xFFEF74F1)
YUV	167.0270, 36.4687, 63.1203
Hunter-Lab	60.9856, 62.1911, -42.2051

Details

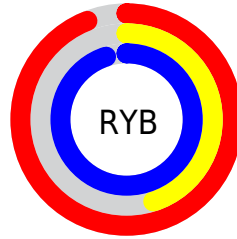
The Yxy color **37.1924, 0.3167, 0.2041** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **67.9985, 0.3059, 0.4945**, and the grayscale version is **38.4678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9850, 0.3165, 0.2479**, and **16.2919, 0.3146, 0.1765** is the 20% darker color. If you saturate the color by 10%, you get **32.2735, 0.3171, 0.1855**, and if you desaturate by 10%, it is **43.5552, 0.3161, 0.2258**.

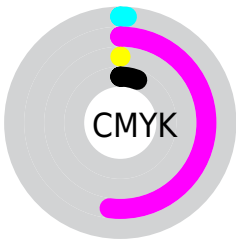
Distribution



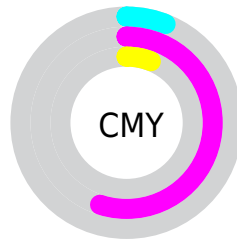
- Red (94%)
- Green (45%)
- Blue (95%)



- Red (94%)
- Yellow (45%)
- Blue (95%)



- Cyan (1%)
- Magenta (52%)
- Yellow (0%)
- Black (6%)




- Cyan (6%)
- Magenta (55%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1924, 0.3167, 0.2041 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 37.1924, 0.3167, 0.2041 by changing the saturation by 10% instead.


 37.1924, 0.3167,
0.2041

 37.1924, 0.3167,
0.2041


334.1428, 0.3173,
0.2611


 25.3565, 0.3159,
0.1915


 70.8686, 0.3174,
0.2236

 16.3429, 0.3146,
0.1764


 93.4777, 0.3176,
0.2312

 9.7671, 0.3123,
0.1577


 120.4466, 0.3176,
0.2379

 5.2448, 0.3084,
0.1345

152.1598, 0.3176,
0.2437

 2.3916, 0.3012,
0.1055

189.0016, 0.3175,
0.2488

 0.8216, 0.2876,
0.0695

231.3564, 0.3175,

 0.0000, 0.2670,

0.2534

0.0000

279.6087, 0.3174,
0.2574

■ 0.0000, 0.1356,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 37.1924, 0.3167,
0.2041

■ 37.1924, 0.3167,
0.2041

■ 32.2735, 0.3171,
0.1855

■ 43.5552, 0.3161,
0.2258

■ 28.6796, 0.3173,
0.1709


■ 51.4586, 0.3154,
0.2496


■ 26.2816, 0.3173,
0.1605

■ 60.9967, 0.3146,
0.2745


■ 24.9219, 0.3172,
0.1544

■ 72.2546, 0.3138,
0.2998

 24.3807, 0.3169,
0.1520

 85.3116, 0.3129,
0.3245

 96.6163, 0.3123,
0.3428

 96.6832, 0.3125,
0.3428

 96.7504, 0.3127,
0.3428

 96.8176, 0.3130,
0.3428

Harmonies

Analogous

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



37.1924, 0.2176, 0.1742



37.1924, 0.3167, 0.2041



37.1924, 0.4356, 0.2574

Triad

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



37.1924, 0.3167, 0.2041



37.1924, 0.4698, 0.4764



37.1924, 0.1414, 0.2799

Complementary

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



37.1924, 0.3167, 0.2041



67.9985, 0.3059, 0.4945

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.



37.1924, 0.1893, 0.4072



37.1924, 0.3167, 0.2041



37.1924, 0.3780, 0.5372

Square

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



37.1924, 0.3167, 0.2041



37.1924, 0.5272, 0.3982



37.1924, 0.2761, 0.5221



37.1924, 0.1328, 0.2028

Rectangle

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



37.1924, 0.3167, 0.2041



37.1924, 0.4990, 0.3012



37.1924, 0.2761, 0.5221



37.1924, 0.1526, 0.3179

Sweetspot

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



37.1941, 0.3167, 0.2041



76.5527, 0.3141, 0.2892



23.0455, 0.2132, 0.1662



15.8218, 0.3143, 0.2840



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.



37.1941, 0.3167, 0.2041



36.5415, 0.3171, 0.1850



34.5089, 0.3826, 0.2599



16.0180, 0.3136, 0.3057



13.2323, 0.3170, 0.1520



1.1048, 0.3175, 0.1523

Inverse Universe

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



32.4981, 0.4611, 0.3274



30.6993, 0.5094, 0.3273



69.7514, 0.2760, 0.4138



15.7629, 0.3291, 0.3287



10.1474, 0.6384, 0.3290



0.8456, 0.6340, 0.3266

Previews

White Background



This preview shows how the Yxy color 37.1924, 0.3167, 0.2041 looks on a white background.

Color Contrast Check

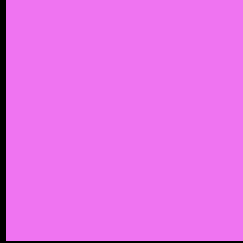
Large Text (above 18pt) WCAG AA × Fail

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 37.1924, 0.3167, 0.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

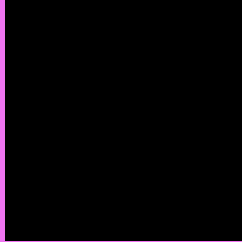
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1924, 0.3167, 0.2041

Background



This preview shows how black text looks on a background with the Yxy color 37.1924, 0.3167, 0.2041.

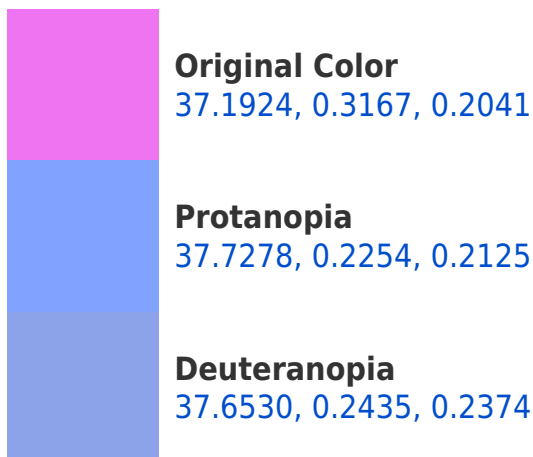


This preview shows how white text looks on a background with the Yxy color 37.1924, 0.3167, 0.2041.

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

37.1291, 0.3990, 0.3176

Trichromacy



Original Color

37.1924, 0.3167, 0.2041



Protanomaly

35.5879, 0.2509, 0.2041



Deuteranomaly

35.8440, 0.2655, 0.2197



Tritanomaly

36.7658, 0.3683, 0.2717

Monochromacy



Original Color

37.1924, 0.3167, 0.2041



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

36.4123, 0.3145, 0.2706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1924, 0.3167, 0.2041 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(239, 116, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 116, 241)  
}
```

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(239, 116, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 116, 241) }
```

Border

The CSS property to change the border of an element to Yxy 37.1924, 0.3167, 0.2041 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(239, 116, 241) }
```

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

```
.border{ border-color:rgb(239, 116, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 116, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 116, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 116, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 116,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1924, 0.3167, 0.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 116, 241) }
```

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

```
.background{ background-color: rgb(239,  
116, 241) }
```

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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