

Converting Colors

$Yxy(39.3921, 0.3065, 0.1974)$

Have a look what the booklet for
Yxy(39.3921, 0.3065, 0.1974)
contains.

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Color

Yxy(39.3537, 0.3062, 0.1974)

Conversions

Conversions Part 1

Format	Color
Hex	F178FF
RGB	241, 120, 255
RGB Percent	95%, 47%, 100%
CMY	0.0548, 0.5294, 0.0001
CMYK	0.05, 0.53, 0.00, 0.00
HSL	294°, 100%, 74%
HSV	294°, 53%, 100%
XYZ	61.0441, 39.3537, 98.9624
YIQ	171.5690, 28.7810, 67.6370

Conversions

Conversions Part 2

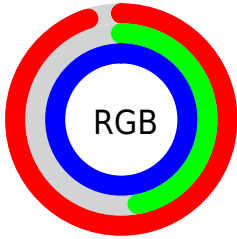
Format	Color
R_{YB}	241, 120, 255
Decimal	15825151
CIE _{Lab}	69.01, 64.98, -47.17
CIE _{LCh}	69, 80.297, 324.026
Yxy	39.3537, 0.3062, 0.1974
Android (android.graphics.Color)	4294015231 (0xFFFF178FF)
YUV	171.5690, 41.1315, 60.8910
Hunter-Lab	62.7325, 63.9138, -49.6189

Details

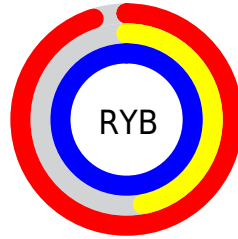
The Yxy color **39.3537, 0.3062, 0.1974** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **77.9221, 0.3116, 0.4960**, and the grayscale version is **40.8045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9243, 0.3163, 0.2527**, and **17.5773, 0.3006, 0.1690** is the 20% darker color. If you saturate the color by 10%, you get **33.5574, 0.3040, 0.1775**, and if you desaturate by 10%, it is **46.7925, 0.3081, 0.2203**.

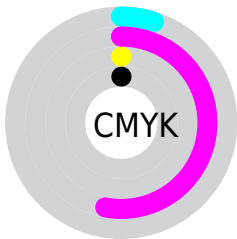
Distribution



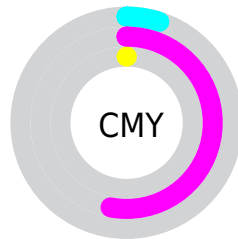
- Red (95%)
- Green (47%)
- Blue (100%)



- Red (95%)
- Yellow (47%)
- Blue (100%)



- Cyan (5%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3537, 0.3062, 0.1974 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 39.3537, 0.3062, 0.1974 by changing the saturation by 10% instead.


 39.3537, 0.3062,
0.1974


 39.3537, 0.3062,
0.1974


343.3919, 0.3122,
0.2563

 27.0350, 0.3041,
0.1847


 74.1783, 0.3089,
0.2173

 17.5995, 0.3012,
0.1695


 97.4531, 0.3097,
0.2252

 10.6628, 0.2969,
0.1510


 125.1486, 0.3104,
0.2321

 5.8406, 0.2904,
0.1284

157.6493, 0.3109,
0.2381

 2.7484, 0.2800,
0.1006

195.3396, 0.3113,
0.2435

 1.0018, 0.2625,
0.0671

238.6039, 0.3117,

 0.0000, 0.2381,

0.2482

0.0000

287.8265, 0.3119,
0.2525

■ 0.0000, 0.1537,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3537, 0.3062,
0.1974

■ 39.3537, 0.3062,
0.1974

■ 33.5574, 0.3040,
0.1775

■ 46.7925, 0.3081,
0.2203

■ 29.2656, 0.3016,
0.1614


■ 55.9867, 0.3097,
0.2452

■ 26.3267, 0.2991,
0.1498

■ 67.0454, 0.3109,
0.2709

■ 24.5544, 0.2964,
0.1426

■ 80.0672, 0.3119,
0.2967

 23.8145, 0.2945,
0.1396

 95.1438, 0.3126,
0.3218

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



39.3537, 0.2080, 0.1693



39.3537, 0.3062, 0.1974



39.3537, 0.4290, 0.2498

Triad

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



39.3537, 0.3062, 0.1974



39.3537, 0.4798, 0.4718



39.3537, 0.1398, 0.2875

Complementary

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



39.3537, 0.3062, 0.1974



77.9221, 0.3116, 0.4960

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.



39.3537, 0.1920, 0.4224



39.3537, 0.3062, 0.1974



39.3537, 0.3873, 0.5394

Square

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



39.3537, 0.3062, 0.1974



39.3537, 0.5350, 0.3915



39.3537, 0.2832, 0.5351



39.3537, 0.1282, 0.2040

Rectangle

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



39.3537, 0.3062, 0.1974



39.3537, 0.4977, 0.2937



39.3537, 0.2832, 0.5351



39.3537, 0.1523, 0.3282

Sweetspot

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



39.3554, 0.3062, 0.1974



75.8835, 0.3116, 0.2889



28.7473, 0.2138, 0.1779



15.6604, 0.3114, 0.2836



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.



39.3554, 0.3062, 0.1974



33.0403, 0.3038, 0.1756



39.0098, 0.3699, 0.2456



18.1994, 0.3121, 0.3055



12.4853, 0.2950, 0.1399



1.2420, 0.2981, 0.1416

Inverse Universe

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



36.4066, 0.4525, 0.3153



29.9766, 0.5009, 0.3142



78.4636, 0.2817, 0.4341



18.0176, 0.3278, 0.3266



11.1585, 0.6283, 0.3235



1.0961, 0.6066, 0.3115

Previews

White Background



This preview shows how the Yxy color 39.3537, 0.3062, 0.1974 looks on a white background.

Color Contrast Check

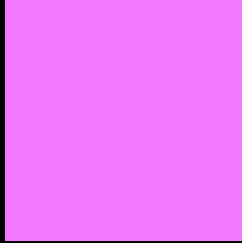
Large Text (above 18pt) WCAG AA × Fail

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 39.3537, 0.3062, 0.1974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

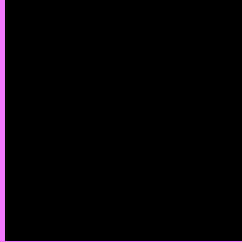
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3537, 0.3062, 0.1974

Background



This preview shows how black text looks on a background with the Yxy color 39.3537, 0.3062, 0.1974.



This preview shows how white text looks on a background with the Yxy color 39.3537, 0.3062, 0.1974.

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

39.3537, 0.3062, 0.1974

Protanopia

39.7267, 0.2303, 0.2187

Deuteranopia

39.5255, 0.2350, 0.2287



Tritanopia

39.1451, 0.3889, 0.3164

Trichromacy



Original Color

39.3537, 0.3062, 0.1974



Protanomaly

37.7136, 0.2522, 0.2056



Deuteranomaly

37.6509, 0.2560, 0.2120

Tritanomaly

38.7377, 0.3574, 0.2667

Monochromacy



Original Color

39.3537, 0.3062, 0.1974



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

38.9171, 0.3109, 0.2684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3537, 0.3062, 0.1974 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(241, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 120, 255)  
}
```

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(241, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 120, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.3537, 0.3062, 0.1974 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(241, 120, 255) }
```

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

```
.border{ border-color:rgb(241, 120, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 120, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 120,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3537, 0.3062, 0.1974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 120, 255) }
```

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

```
.background{ background-color: rgb(241,  
120, 255) }
```

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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