

Converting Colors

$Y_{xy}(41.2187, 0.3142, 0.2014)$

Have a look what the booklet for
Yxy(41.2187, 0.3142, 0.2014)
contains.

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Color

Yxy(41.2187, 0.3142, 0.2014)

Conversions

Conversions Part 1

Format	Color
Hex	FA79FF
RGB	250, 121, 255
RGB Percent	98%, 47%, 100%
CMY	0.0196, 0.5254, 0.0002
CMYK	0.02, 0.53, 0.00, 0.00
HSL	298°, 100%, 74%
HSV	298°, 53%, 100%
XYZ	64.3044, 41.2187, 99.1377
YIQ	174.8470, 33.8700, 69.0220

Conversions

Conversions Part 2

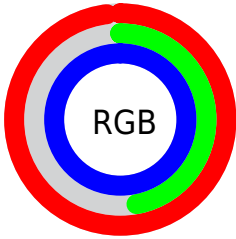
Format	Color
R_{YB}	250, 121, 255
Decimal	16415231
CIE _{Lab}	70.33, 66.83, -45.00
CIE _{LCh}	70, 80.571, 326.045
Yxy	41.2187, 0.3142, 0.2014
Android (android.graphics.Color)	4294605311 (0xFFFA79FF)
YUV	174.8470, 39.5154, 65.9092
Hunter-Lab	64.2018, 66.4323, -46.6119

Details

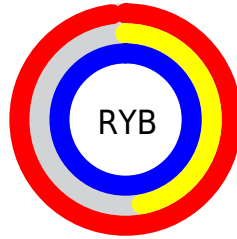
The Yxy color **41.2187, 0.3142, 0.2014** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **77.3080, 0.3072, 0.4968**, and the grayscale version is **42.5687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3208, 0.3163, 0.2536**, and **18.7086, 0.3114, 0.1741** is the 20% darker color. If you saturate the color by 10%, you get **35.6460, 0.3140, 0.1827**, and if you desaturate by 10%, it is **48.4331, 0.3142, 0.2233**.

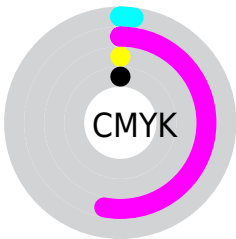
Distribution



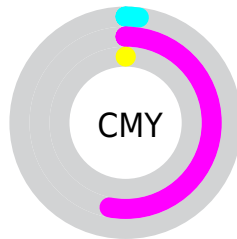
- Red (98%)
- Green (47%)
- Blue (100%)



- Red (98%)
- Yellow (47%)
- Blue (100%)



- Cyan (2%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2187, 0.3142, 0.2014 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 41.2187, 0.3142, 0.2014 by changing the saturation by 10% instead.


 41.2187, 0.3142,
0.2014


 41.2187, 0.3142,
0.2014

351.2338, 0.3161,
0.2583


 28.4900, 0.3131,
0.1892


 77.0158, 0.3154,
0.2206

 18.6954, 0.3114,
0.1745


 100.8530, 0.3157,
0.2282

 11.4504, 0.3088,
0.1567


 129.1618, 0.3159,
0.2349

 6.3706, 0.3045,
0.1348

162.3266, 0.3160,
0.2407

 3.0717, 0.2973,
0.1077

200.7318, 0.3161,
0.2459

 1.1693, 0.2843,
0.0746

244.7618, 0.3161,

 0.0364, 0.2680,

0.2505

0.0050

294.8010, 0.3162,
0.2546

■ 0.0000, 0.2051,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.2187, 0.3142,
0.2014

■ 41.2187, 0.3142,
0.2014

■ 35.6460, 0.3140,
0.1827

■ 48.4331, 0.3142,
0.2233

■ 31.5774, 0.3135,
0.1679


■ 57.4013, 0.3141,
0.2473

■ 28.8624, 0.3129,
0.1574

■ 68.2320, 0.3138,
0.2725

■ 27.3165, 0.3122,
0.1513

■ 81.0233, 0.3134,
0.2979

 26.7220, 0.3115,
0.1490

 95.8668, 0.3129,
0.3228

99.9972, 0.3127,
0.3290

Harmonies

Analogous

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



41.2187, 0.2143, 0.1717



41.2187, 0.3142, 0.2014



41.2187, 0.4355, 0.2548

Triad

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



41.2187, 0.3142, 0.2014



41.2187, 0.4733, 0.4763



41.2187, 0.1395, 0.2808

Complementary

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



41.2187, 0.3142, 0.2014



77.3080, 0.3072, 0.4968

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.



41.2187, 0.1885, 0.4116



41.2187, 0.3142, 0.2014



41.2187, 0.3803, 0.5400

Square

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



41.2187, 0.3142, 0.2014



41.2187, 0.5311, 0.3967



41.2187, 0.2770, 0.5278



41.2187, 0.1302, 0.2017

Rectangle

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



41.2187, 0.3142, 0.2014



41.2187, 0.5009, 0.2989



41.2187, 0.2770, 0.5278



41.2187, 0.1510, 0.3199

Sweetspot

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



41.2205, 0.3142, 0.2014



76.3889, 0.3135, 0.2891



26.6489, 0.2125, 0.1684



15.7822, 0.3136, 0.2839



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.



41.2205, 0.3142, 0.2014



35.4365, 0.3140, 0.1819



38.8579, 0.3792, 0.2546



18.2641, 0.3132, 0.3055



13.9834, 0.3117, 0.1491



1.3718, 0.3128, 0.1497

Inverse Universe

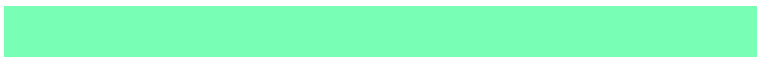
The Inverse Universe completely reimagines the original color for something new.



36.4379, 0.4615, 0.3245



30.2537, 0.5100, 0.3242



78.9074, 0.2777, 0.4213



17.9980, 0.3289, 0.3282



11.1243, 0.6363, 0.3279



1.0868, 0.6275, 0.3230

Previews

White Background



This preview shows how the Yxy color 41.2187, 0.3142, 0.2014 looks on a white background.

Color Contrast Check

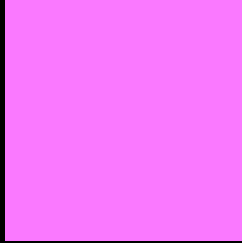
Large Text (above 18pt) WCAG AA × Fail

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 41.2187, 0.3142, 0.2014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

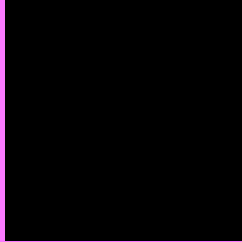
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2187, 0.3142, 0.2014

Background



This preview shows how black text looks on a background with the Yxy color 41.2187, 0.3142, 0.2014.



This preview shows how white text looks on a background with the Yxy color 41.2187, 0.3142, 0.2014.

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

41.2187, 0.3142, 0.2014

Protanopia

41.7202, 0.2347, 0.2247

Deuteranopia

41.7089, 0.2407, 0.2351



Tritanopia

41.1692, 0.3974, 0.3169

Trichromacy



Original Color

41.2187, 0.3142, 0.2014



Protanomaly

39.5002, 0.2578, 0.2106



Deuteranomaly

39.6893, 0.2632, 0.2175

Tritanomaly

40.6188, 0.3650, 0.2687

Monochromacy



Original Color

41.2187, 0.3142, 0.2014



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

40.3589, 0.3136, 0.2695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2187, 0.3142, 0.2014 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, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 121, 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(250, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 121, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.2187, 0.3142, 0.2014 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, 121, 255) }
```

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

```
.border{ border-color:rgb(250, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 121,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2187, 0.3142, 0.2014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 121, 255) }
```

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

```
.background{ background-color: rgb(250,  
121, 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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