

Converting Colors

$Yxy(40.4786, 0.3253, 0.2147)$

Have a look what the booklet for
Yxy(40.4786, 0.3253, 0.2147)
contains.

Yxy(40.4807, 0.3247, 0.2144)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.4807, 0.3247, 0.2144)

Conversions

Conversions Part 1

Format	Color
Hex	F77CF0
RGB	247, 124, 240
RGB Percent	97%, 49%, 94%
CMY	0.0312, 0.5138, 0.0588
CMYK	0.00, 0.50, 0.03, 0.03
HSL	303°, 89%, 73%
HSV	303°, 50%, 97%
XYZ	61.3064, 40.4807, 87.0222
YIQ	174.0010, 36.0720, 62.1520

Conversions

Conversions Part 2

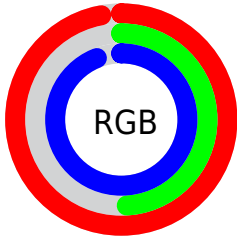
Format	Color
R _Y B	247, 124, 240
Decimal	16219376
CIE Lab	69.81, 62.14, -37.65
CIE LCh	70, 72.655, 328.784
Yxy	40.4807, 0.3247, 0.2144
Android (android.graphics.Color)	4294409456 (0xFFFF77CF0)
YUV	174.0010, 32.5375, 64.0201
Hunter-Lab	63.6244, 60.6538, -36.5566

Details

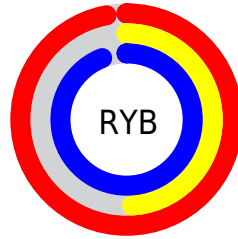
The Yxy color **40.4807, 0.3247, 0.2144** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **72.4737, 0.3021, 0.4793**, and the grayscale version is **42.1422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1225, 0.3162, 0.2556**, and **18.2863, 0.3244, 0.1886** is the 20% darker color. If you saturate the color by 10%, you get **34.9650, 0.3273, 0.1960**, and if you desaturate by 10%, it is **47.5514, 0.3221, 0.2356**.

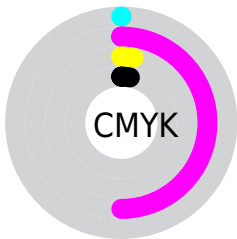
Distribution



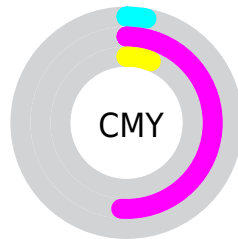
- Red (97%)
- Green (49%)
- Blue (94%)



- Red (97%)
- Yellow (49%)
- Blue (94%)



- Cyan (0%)
- Magenta (50%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4807, 0.3247, 0.2144 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 40.4807, 0.3247, 0.2144 by changing the saturation by 10% instead.


 40.4807, 0.3247,
0.2144


 40.4807, 0.3247,
0.2144


348.1455, 0.3210,
0.2666

 27.9135, 0.3251,
0.2029


 75.8950, 0.3238,
0.2322

 18.2605, 0.3252,
0.1889


 99.5108, 0.3233,
0.2393

 11.1372, 0.3250,
0.1716


 127.5784, 0.3229,
0.2453

 6.1592, 0.3240,
0.1500

160.4821, 0.3224,
0.2507

 2.9421, 0.3212,
0.1225

198.6062, 0.3220,
0.2554

 1.1016, 0.3143,
0.0873

242.3352, 0.3217,

 0.0000, 0.3111,

0.2595

0.0000

292.0535, 0.3213,
0.2632

■ 0.0000, 0.2317,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 40.4807, 0.3247,
0.2144

■ 40.4807, 0.3247,
0.2144

■ 34.9650, 0.3273,
0.1960

■ 47.5514, 0.3221,
0.2356

■ 30.8805, 0.3298,
0.1813

■ 56.2773, 0.3195,
0.2585

■ 28.0942, 0.3322,
0.1709

■ 66.7570, 0.3170,
0.2824


■ 26.4452, 0.3342,
0.1648


■ 79.0796, 0.3148,
0.3062

 25.6721, 0.3361,
0.1625

 93.3281, 0.3127,
0.3294

 25.6609, 0.3361,
0.1625

 98.1108, 0.3115,
0.3353

 98.1992, 0.3107,
0.3339

 98.2882, 0.3099,
0.3325

 98.3779, 0.3091,
0.3312

Harmonies

Analogous

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



40.4807, 0.2294, 0.1841



40.4807, 0.3247, 0.2144



40.4807, 0.4339, 0.2666

Triad

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



40.4807, 0.3247, 0.2144



40.4807, 0.4570, 0.4748



40.4807, 0.1499, 0.2780

Complementary

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



40.4807, 0.3247, 0.2144



72.4737, 0.3021, 0.4793

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.



40.4807, 0.1936, 0.3924



40.4807, 0.3247, 0.2144



40.4807, 0.3700, 0.5245

Square

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



40.4807, 0.3247, 0.2144



40.4807, 0.5118, 0.4026



40.4807, 0.2739, 0.5004



40.4807, 0.1433, 0.2081

Rectangle

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



40.4807, 0.3247, 0.2144



40.4807, 0.4901, 0.3091



40.4807, 0.2739, 0.5004



40.4807, 0.1600, 0.3121

Sweetspot

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



40.4825, 0.3247, 0.2144



77.8367, 0.3159, 0.2938



25.8821, 0.2209, 0.1721



16.0734, 0.3164, 0.2888



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.



40.4825, 0.3247, 0.2144



37.4314, 0.3274, 0.1956



37.4602, 0.3883, 0.2706



16.7510, 0.3147, 0.3070



13.5725, 0.3358, 0.1624



1.1978, 0.3338, 0.1612

Inverse Universe

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



40.4825, 0.3247, 0.2144



37.4314, 0.3274, 0.1956



74.6254, 0.2729, 0.3989



16.7510, 0.3147, 0.3070



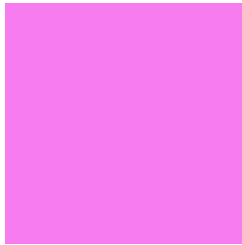
13.5725, 0.3358, 0.1624



1.1978, 0.3338, 0.1612

Previews

White Background



This preview shows how the Yxy color 40.4807, 0.3247, 0.2144 looks on a white background.

Color Contrast Check

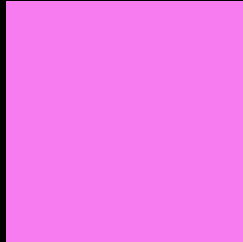
Large Text (above 18pt) WCAG AA × Fail

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 40.4807, 0.3247, 0.2144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

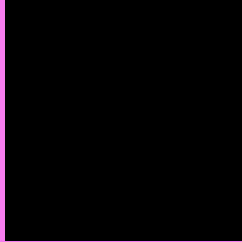
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4807, 0.3247, 0.2144

Background



This preview shows how black text looks on a background with the Yxy color 40.4807, 0.3247, 0.2144.

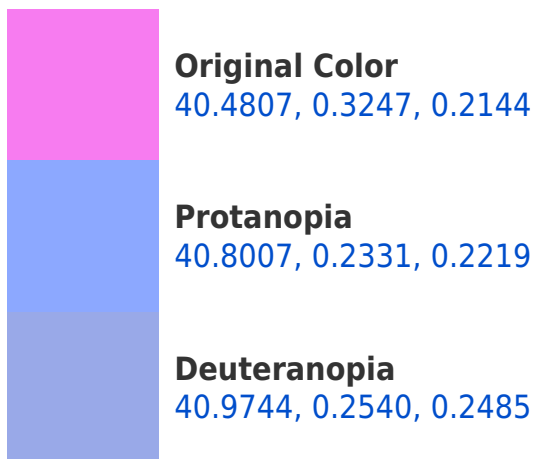


This preview shows how white text looks on a background with the Yxy color 40.4807, 0.3247, 0.2144.

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

40.3176, 0.3993, 0.3168

Trichromacy



Original Color

40.4807, 0.3247, 0.2144



Protanomaly

38.9423, 0.2594, 0.2146



Deuteranomaly

39.3454, 0.2759, 0.2315



Tritanomaly

40.1373, 0.3715, 0.2757

Monochromacy



Original Color

40.4807, 0.3247, 0.2144



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.2717, 0.3180, 0.2773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4807, 0.3247, 0.2144 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(247, 124, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 240)  
}
```

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(247, 124, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 240) }
```

Border

The CSS property to change the border of an element to Yxy 40.4807, 0.3247, 0.2144 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(247, 124, 240) }
```

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

```
.border{ border-color:rgb(247, 124, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 124, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4807, 0.3247, 0.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 124, 240) }
```

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

```
.background{ background-color: rgb(247,  
124, 240) }
```

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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