

Converting Colors

Yxy(34.1676, 0.3978, 0.2494)

Have a look what the booklet for
Yxy(34.1676, 0.3978, 0.2494)
contains.

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Color

Yxy(34.1816, 0.3974, 0.2491)

Conversions

Conversions Part 1

Format	Color
Hex	FF66B7
RGB	255, 102, 183
RGB Percent	100%, 40%, 72%
CMY	0.0001, 0.5999, 0.2825
CMYK	0.00, 0.60, 0.28, 0.00
HSL	328°, 100%, 70%
HSV	328°, 60%, 100%
XYZ	54.5314, 34.1816, 48.5074
YIQ	156.9810, 65.1870, 57.6270

Conversions

Conversions Part 2

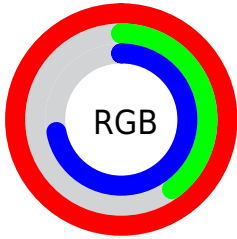
Format	Color
R _Y B	255, 102, 183
Decimal	16737975
CIE Lab	65.11, 65.87, -12.91
CIE LCh	65, 67.126, 348.911
Yxy	34.1816, 0.3974, 0.2491
Android (android.graphics.Color)	4294928055 (0xFFFF66B7)
YUV	156.9810, 12.8274, 85.9627
Hunter-Lab	58.4650, 64.1763, -8.2663

Details

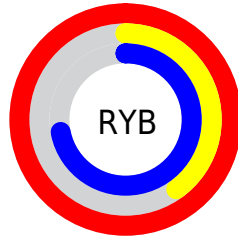
The Yxy color **34.1816, 0.3974, 0.2491** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77.3933, 0.2735, 0.4331**, and the grayscale version is **33.6313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2883, 0.3302, 0.2495**, and **14.6648, 0.4230, 0.2276** is the 20% darker color. If you saturate the color by 10%, you get **29.4384, 0.4192, 0.2410**, and if you desaturate by 10%, it is **40.5117, 0.3775, 0.2604**.

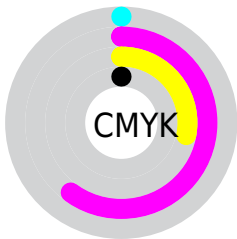
Distribution



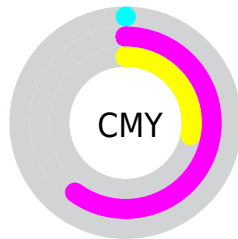
- Red (100%)
- Green (40%)
- Blue (72%)



- Red (100%)
- Yellow (40%)
- Blue (72%)



- Cyan (0%)
- Magenta (60%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1816, 0.3974, 0.2491 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 34.1816, 0.3974, 0.2491 by changing the saturation by 10% instead.


 34.1816, 0.3974,
0.2491


 34.1816, 0.3974,
0.2491


320.9410, 0.3544,
0.2885


 23.0331, 0.4083,
0.2395


 66.2160, 0.3817,
0.2632


 14.6180, 0.4223,
0.2274


 87.8707, 0.3758,
0.2686

 8.5517, 0.4410,
0.2117


 113.7963, 0.3708,
0.2731

 4.4500, 0.4671,
0.1904

 144.3771, 0.3666,
0.2771

 1.9283, 0.5058,
0.1605

179.9976, 0.3629,
0.2805

 0.5653, 0.5719,
0.1102

221.0422, 0.3597,

 0.0000, 0.7816,

0.2835

0.0000

267.8952, 0.3569,
0.2861

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

34.1816, 0.3974,
0.2491

34.1816, 0.3974,
0.2491

29.4384, 0.4192,
0.2410

40.5117, 0.3775,
0.2604

26.1293, 0.4422,
0.2374

48.5524, 0.3600,
0.2736

24.0804, 0.4653,
0.2391

58.4211, 0.3449,
0.2877

23.0055, 0.4875,
0.2459

70.2231, 0.3322,
0.3020

■ 23.0041, 0.4875,
0.2459

■ 84.0559, 0.3215,
0.3158

99.9967, 0.3127,
0.3290

Harmonies

Analogous

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



34.1816, 0.2907, 0.2039



34.1816, 0.3974, 0.2491



34.1816, 0.4864, 0.3102

Triad

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



34.1816, 0.3974, 0.2491



34.1816, 0.3997, 0.5100



34.1816, 0.1447, 0.2281

Complementary

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



34.1816, 0.3974, 0.2491



77.3933, 0.2735, 0.4331

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.



34.1816, 0.1627, 0.3124



34.1816, 0.3974, 0.2491



34.1816, 0.3059, 0.5144

Square

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



34.1816, 0.3974, 0.2491



34.1816, 0.4772, 0.4503



34.1816, 0.2188, 0.4306



34.1816, 0.1597, 0.1881

Rectangle

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



34.1816, 0.3974, 0.2491



34.1816, 0.5128, 0.3553



34.1816, 0.2188, 0.4306



34.1816, 0.1468, 0.2509

Sweetspot

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



34.1833, 0.3974, 0.2491



72.8155, 0.3299, 0.3048



25.6587, 0.2458, 0.1572



14.7813, 0.3333, 0.3007



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.



34.1833, 0.3974, 0.2491



28.6656, 0.4238, 0.2399



31.8299, 0.4964, 0.3248



18.1477, 0.3211, 0.3165



12.0525, 0.4840, 0.2440



1.1956, 0.4603, 0.2309

Inverse Universe

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



34.1833, 0.3974, 0.2491



28.6656, 0.4238, 0.2399



81.2305, 0.2410, 0.3348



18.1477, 0.3211, 0.3165



12.0525, 0.4840, 0.2440



1.1956, 0.4603, 0.2309

Previews

White Background



This preview shows how the Yxy color 34.1816, 0.3974, 0.2491 looks on a white background.

Color Contrast Check

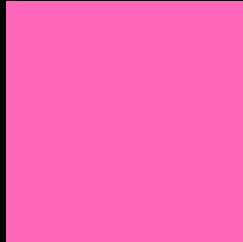
Large Text (above 18pt) WCAG AA × Fail

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 34.1816, 0.3974, 0.2491 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 34.1816, 0.3974, 0.2491

Background



This preview shows how black text looks on a background with the Yxy color 34.1816, 0.3974, 0.2491.



This preview shows how white text looks on a background with the Yxy color 34.1816, 0.3974, 0.2491.

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

34.1816, 0.3974, 0.2491

Protanopia

34.4864, 0.2484, 0.2407

Deuteranopia

34.3133, 0.3054, 0.2992



Tritanopia

34.0155, 0.4641, 0.3213

Trichromacy



Original Color

34.1816, 0.3974, 0.2491



Protanomaly

31.9371, 0.2915, 0.2380



Deuteranomaly

32.5481, 0.3365, 0.2739



Tritanomaly

33.8916, 0.4406, 0.2938

Monochromacy



Original Color

34.1816, 0.3974, 0.2491



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

31.9820, 0.3436, 0.2906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1816, 0.3974, 0.2491 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(255, 102, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 183)  
}
```

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(255, 102, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 183) }
```

Border

The CSS property to change the border of an element to Yxy 34.1816, 0.3974, 0.2491 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(255, 102, 183) }
```

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

```
.border{ border-color:rgb(255, 102, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1816, 0.3974, 0.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 183) }
```

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

```
.background{ background-color: rgb(255,  
102, 183) }
```

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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