

Converting Colors

Yxy(34.0472, 0.4123, 0.2630)

Have a look what the booklet for
Yxy(34.0472, 0.4123, 0.2630)
contains.

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Color

Yxy(34.0629, 0.4134, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	FF68AA
RGB	255, 104, 170
RGB Percent	100%, 41%, 67%
CMY	0.0000, 0.5923, 0.3333
CMYK	0.00, 0.59, 0.33, 0.00
HSL	334°, 100%, 70%
HSV	334°, 59%, 100%
XYZ	53.4609, 34.0629, 41.7962
YIQ	156.6730, 68.8100, 52.5380

Conversions

Conversions Part 2

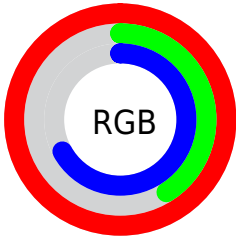
Format	Color
R_{YB}	255, 104, 170
Decimal	16738474
CIE Lab	65.01, 63.54, -5.68
CIE LCh	65, 63.794, 354.896
Yxy	34.0629, 0.4134, 0.2634
Android (android.graphics.Color)	4294928554 (0xFFFF68AA)
YUV	156.6730, 6.5702, 86.2328
Hunter-Lab	58.3634, 61.3700, -1.6054

Details

The Yxy color **34.0629, 0.4134, 0.2634** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78.1321, 0.2675, 0.4127**, and the grayscale version is **33.4980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1860, 0.3421, 0.2642**, and **14.5051, 0.4439, 0.2440** is the 20% darker color. If you saturate the color by 10%, you get **29.1633, 0.4405, 0.2571**, and if you desaturate by 10%, it is **40.5576, 0.3889, 0.2727**.

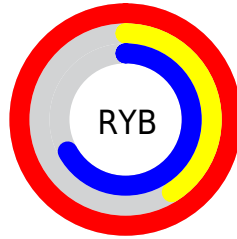
Distribution



Red (100%)

Green (41%)

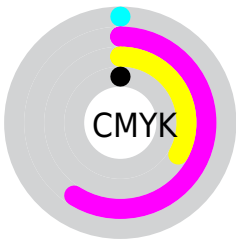
Blue (67%)



Red (100%)

Yellow (41%)

Blue (67%)

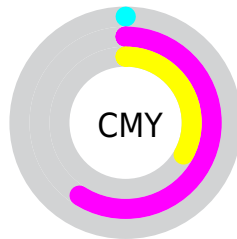


Cyan (0%)

Magenta (59%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (59%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0629, 0.4134, 0.2634 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 34.0629, 0.4134, 0.2634 by changing the saturation by 10% instead.


 34.0629, 0.4134,
0.2634


 34.0629, 0.4134,
0.2634


320.4124, 0.3613,
0.2966


 22.9419, 0.4269,
0.2550


 66.0315, 0.3941,
0.2756


 14.5506, 0.4444,
0.2443


 87.6479, 0.3870,
0.2801

 8.5046, 0.4680,
0.2299


 113.5315, 0.3810,
0.2839

 4.4195, 0.5016,
0.2101

 144.0668, 0.3759,
0.2872

 1.9109, 0.5524,
0.1810

179.6381, 0.3715,
0.2900

 0.5549, 0.6413,
0.1279

220.6299, 0.3677,

 0.0000, 1.0000,


0.2925


0.0000


267.4266, 0.3643,
0.2947

 0.0000, 0.0000,
0.0000


 34.0629, 0.4134,
0.2634


 34.0629, 0.4134,
0.2634


 29.1633, 0.4405,
0.2571


 40.5576, 0.3889,
0.2727


 25.7352, 0.4693,
0.2551


 48.7991, 0.3677,
0.2838


 23.5968, 0.4981,
0.2585

 58.8951, 0.3497,
0.2956

 22.4864, 0.5250,
0.2670

 70.9512, 0.3346,
0.3075

 22.4194, 0.5270,
0.2677

 85.0649, 0.3222,
0.3190

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



34.0629, 0.3114, 0.2157



34.0629, 0.4134, 0.2634



34.0629, 0.4889, 0.3247

Triad

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



34.0629, 0.4134, 0.2634



34.0629, 0.3802, 0.5085



34.0629, 0.1513, 0.2220

Complementary

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



34.0629, 0.4134, 0.2634



78.1321, 0.2675, 0.4127

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.



34.0629, 0.1625, 0.2944



34.0629, 0.4134, 0.2634



34.0629, 0.2893, 0.4947

Square

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



34.0629, 0.4134, 0.2634



34.0629, 0.4589, 0.4600



34.0629, 0.2097, 0.4029



34.0629, 0.1721, 0.1902

Rectangle

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



34.0629, 0.4134, 0.2634



34.0629, 0.5056, 0.3693



34.0629, 0.2097, 0.4029



34.0629, 0.1513, 0.2413

Sweetspot

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



34.0552, 0.4133, 0.2634



72.5769, 0.3330, 0.3089



27.6810, 0.2576, 0.1640



14.7233, 0.3370, 0.3055



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.



34.0552, 0.4133, 0.2634



28.4553, 0.4455, 0.2564



33.7392, 0.4937, 0.3367



18.1190, 0.3225, 0.3186



11.7434, 0.5229, 0.2654



1.1649, 0.4943, 0.2497

Inverse Universe

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



34.0552, 0.4133, 0.2634



28.4553, 0.4455, 0.2564



76.9564, 0.2376, 0.3199



18.1190, 0.3225, 0.3186



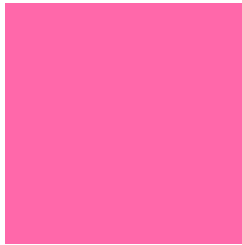
11.7434, 0.5229, 0.2654



1.1649, 0.4943, 0.2497

Previews

White Background



This preview shows how the Yxy color 34.0629, 0.4134, 0.2634 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 34.0629, 0.4134, 0.2634 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 34.0629, 0.4134, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 34.0629, 0.4134, 0.2634.



This preview shows how white text looks on a background with the Yxy color 34.0629, 0.4134, 0.2634.

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

34.0629, 0.4134, 0.2634

Protanopia

34.2476, 0.2648, 0.2618

Deuteranopia

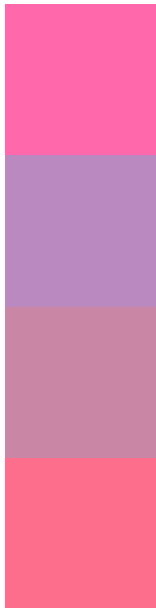
34.0490, 0.3223, 0.3162



Tritanopia

33.9490, 0.4669, 0.3214

Trichromacy



Original Color

34.0629, 0.4134, 0.2634

Protanomaly

32.1362, 0.3100, 0.2573

Deuteranomaly

32.6011, 0.3548, 0.2905

Tritanomaly

33.7114, 0.4483, 0.3000

Monochromacy



Original Color

34.0629, 0.4134, 0.2634

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.1230, 0.3478, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0629, 0.4134, 0.2634 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, 104, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 170)  
}
```

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, 104, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 170) }
```

Border

The CSS property to change the border of an element to Yxy 34.0629, 0.4134, 0.2634 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, 104, 170) }
```

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

```
.border{ border-color:rgb(255, 104, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 104, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0629, 0.4134, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 170) }
```

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

```
.background{ background-color: rgb(255,  
104, 170) }
```

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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