

Converting Colors

Yxy(30.9334, 0.3717, 0.2087)

Have a look what the booklet for
Yxy(30.9334, 0.3717, 0.2087)
contains.

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Color

Yxy(30.9339, 0.3719, 0.2088)

Conversions

Conversions Part 1

Format	Color
Hex	FF4CCF
RGB	255, 76, 207
RGB Percent	100%, 30%, 81%
CMY	0.0000, 0.7021, 0.1881
CMYK	0.00, 0.70, 0.19, 0.00
HSL	316°, 100%, 65%
HSV	316°, 70%, 100%
XYZ	55.0973, 30.9339, 62.1197
YIQ	144.4550, 64.6330, 78.6890

Conversions

Conversions Part 2

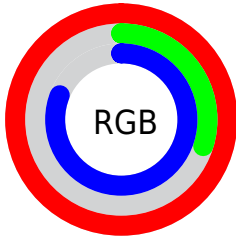
Format	Color
R_{YB}	255, 76, 207
Decimal	16731343
CIE _{Lab}	62.45, 78.75, -30.62
CIE _{LCh}	62, 84.490, 338.755
Yxy	30.9339, 0.3719, 0.2088
Android (android.graphics.Color)	4294921423 (0xFFFF4CCF)
YUV	144.4550, 30.8347, 96.9480
Hunter-Lab	55.6183, 79.4961, -27.2878

Details

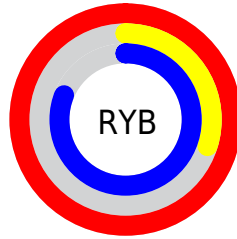
The Yxy color **30.9339, 0.3719, 0.2088** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **74.5084, 0.2861, 0.5032**, and the grayscale version is **27.9283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6570, 0.3180, 0.2170**, and **13.7363, 0.3848, 0.1894** is the 20% darker color. If you saturate the color by 10%, you get **27.7605, 0.3831, 0.2012**, and if you desaturate by 10%, it is **35.5056, 0.3609, 0.2207**.

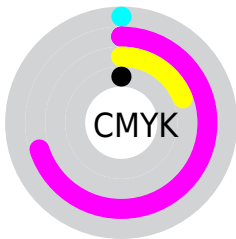
Distribution



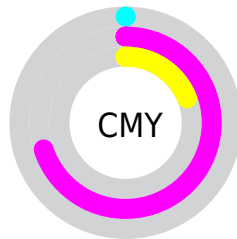
- Red (100%)
- Green (30%)
- Blue (81%)



- Red (100%)
- Yellow (30%)
- Blue (81%)



- Cyan (0%)
- Magenta (70%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9339, 0.3719, 0.2088 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 30.9339, 0.3719, 0.2088 by changing the saturation by 10% instead.

 30.9339, 0.3719,
0.2088


 30.9339, 0.3719,
0.2088


306.2337, 0.3438,
0.2656


 20.5485, 0.3784,
0.1958


 61.1360, 0.3621,
0.2286

 12.7944, 0.3864,
0.1798


 81.7215, 0.3583,
0.2363

 7.2871, 0.3965,
0.1597


 106.4758, 0.3550,
0.2429

 3.6423, 0.4094,
0.1342

 135.7834, 0.3522,
0.2486

 1.4756, 0.4263,
0.1013

170.0285, 0.3497,
0.2537

 0.2714, 0.4570,
0.0411

209.5957, 0.3475,

 0.0000, 0.4806,

0.2581

0.0000

254.8693, 0.3455,
0.2621

■ 0.0000, 0.7511,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 30.9339, 0.3719,
0.2088

■ 30.9339, 0.3719,
0.2088

■ 27.7605, 0.3831,
0.2012

■ 35.5056, 0.3609,
0.2207

■ 25.8205, 0.3942,
0.1986

■ 41.6334, 0.3505,
0.2360

■ 24.8343, 0.4047,
0.2003

■ 49.4423, 0.3409,
0.2535

■ 59.0472, 0.3323,
0.2723

70.5531, 0.3248,
0.2915

84.0568, 0.3183,
0.3104

99.6484, 0.3128,
0.3286

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.



30.9339, 0.2429, 0.1653



30.9339, 0.3719, 0.2088



30.9339, 0.5049, 0.2740

Triad

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



30.9339, 0.3719, 0.2088



30.9339, 0.4437, 0.5244



30.9339, 0.1121, 0.2259

Complementary

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



30.9339, 0.3719, 0.2088



74.5084, 0.2861, 0.5032

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.



30.9339, 0.1431, 0.3526



30.9339, 0.3719, 0.2088



30.9339, 0.3322, 0.5822

Square

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



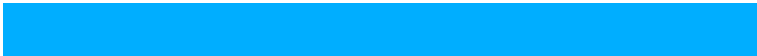
30.9339, 0.3719, 0.2088



30.9339, 0.5331, 0.4325



30.9339, 0.2219, 0.5173



30.9339, 0.1186, 0.1659

Rectangle

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



30.9339, 0.3719, 0.2088



30.9339, 0.5564, 0.3232



30.9339, 0.2219, 0.5173



30.9339, 0.1177, 0.2599

Sweetspot

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



30.9304, 0.3719, 0.2088



69.5736, 0.3254, 0.2900



16.6470, 0.2038, 0.1174



14.1789, 0.3274, 0.2847



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.



30.9304, 0.3719, 0.2088



26.8915, 0.3873, 0.1996



27.7255, 0.4970, 0.2927



18.2124, 0.3179, 0.3118



13.0026, 0.4030, 0.1993



1.2842, 0.3914, 0.1930

Inverse Universe

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



30.9304, 0.3719, 0.2088



26.8915, 0.3873, 0.1996



77.8705, 0.2488, 0.3815



18.2124, 0.3179, 0.3118



13.0026, 0.4030, 0.1993



1.2842, 0.3914, 0.1930

Previews

White Background



This preview shows how the Yxy color 30.9339, 0.3719, 0.2088 looks on a white background.

Color Contrast Check

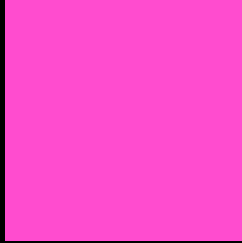
Large Text (above 18pt) WCAG AA × Fail

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 30.9339, 0.3719, 0.2088 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 30.9339, 0.3719, 0.2088

Background



This preview shows how black text looks on a background with the Yxy color 30.9339, 0.3719, 0.2088.

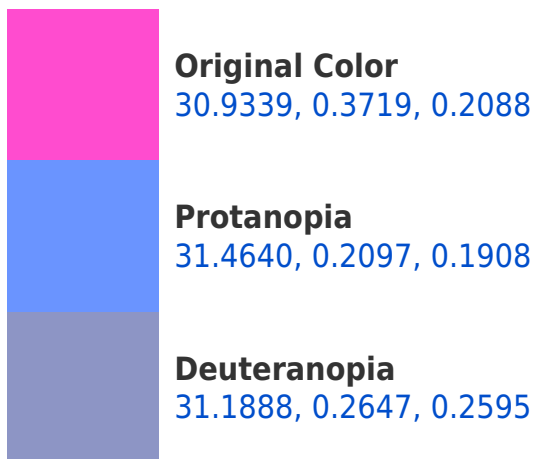


This preview shows how white text looks on a background with the Yxy color 30.9339, 0.3719, 0.2088.

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

30.6412, 0.4824, 0.3225

Trichromacy



Original Color

30.9339, 0.3719, 0.2088



Protanomaly

27.5657, 0.2480, 0.1854



Deuteranomaly

28.0812, 0.2976, 0.2272



Tritanomaly

30.2205, 0.4429, 0.2773

Monochromacy



Original Color

30.9339, 0.3719, 0.2088



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.1740, 0.3355, 0.2634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9339, 0.3719, 0.2088 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, 76, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 207)  
}
```

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, 76, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 207) }
```

Border

The CSS property to change the border of an element to Yxy 30.9339, 0.3719, 0.2088 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, 76, 207) }
```

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

```
.border{ border-color:rgb(255, 76, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 76, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9339, 0.3719, 0.2088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 207) }
```

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

```
.background{ background-color: rgb(255, 76,  
207) }
```

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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