

Converting Colors

$Y_{xy}(29.3132, 0.4376, 0.2557)$

Have a look what the booklet for
Yxy(29.3132, 0.4376, 0.2557)
contains.

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Color

Yxy(29.3206, 0.4370, 0.2552)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F9E
RGB	255, 79, 158
RGB Percent	100%, 31%, 62%
CMY	0.0000, 0.6902, 0.3804
CMYK	0.00, 0.69, 0.38, 0.00
HSL	333°, 100%, 65%
HSV	333°, 69%, 100%
XYZ	50.2081, 29.3206, 35.3640
YIQ	140.6300, 79.5370, 61.8810

Conversions

Conversions Part 2

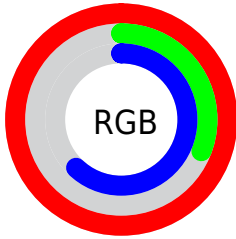
Format	Color
R _Y B	255, 79, 158
Decimal	16732062
CIE Lab	61.06, 72.02, -4.61
CIE LCh	61, 72.163, 356.338
Yxy	29.3206, 0.4370, 0.2552
Android (android.graphics.Color)	4294922142 (0xFFFF4F9E)
YUV	140.6300, 8.5634, 100.3025
Hunter-Lab	54.1485, 70.7506, -0.8179

Details

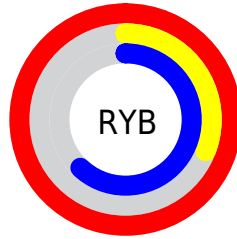
The Yxy color **29.3206, 0.4370, 0.2552** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **76.3173, 0.2653, 0.4324**, and the grayscale version is **26.4283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5293, 0.3565, 0.2541**, and **12.3990, 0.4735, 0.2382** is the 20% darker color. If you saturate the color by 10%, you get **25.8651, 0.4650, 0.2529**, and if you desaturate by 10%, it is **34.2443, 0.4106, 0.2618**.

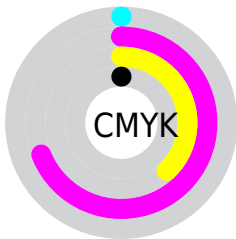
Distribution



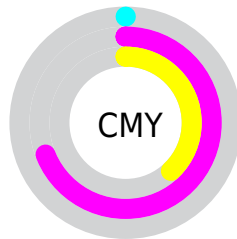
- Red (100%)
- Green (31%)
- Blue (62%)



- Red (100%)
- Yellow (31%)
- Blue (62%)



- Cyan (0%)
- Magenta (69%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3206, 0.4370, 0.2552 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 29.3206, 0.4370, 0.2552 by changing the saturation by 10% instead.


 29.3206, 0.4370,
0.2552


 29.3206, 0.4370,
0.2552


298.7246, 0.3713,
0.2935


 19.3235, 0.4544,
0.2453


 58.5861, 0.4124,
0.2694


 11.9043, 0.4773,
0.2324


 78.6232, 0.4033,
0.2747

 6.6785, 0.5085,
0.2151


 102.7758, 0.3958,
0.2791

 3.2619, 0.5534,
0.1907

 131.4283, 0.3894,
0.2828

 1.2699, 0.6219,
0.1547

164.9650, 0.3839,
0.2860

 0.1177, 0.8050,
0.0404

203.7704, 0.3792,

 0.0000, 1.0000,

0.2889

0.0000

248.2288, 0.3750,
0.2913

0.0000, 0.0000,
0.0000

29.3206, 0.4370,
0.2552

29.3206, 0.4370,
0.2552

25.8651, 0.4650,
0.2529

34.2443, 0.4106,
0.2618

23.7000, 0.4931,
0.2559

40.7777, 0.3868,
0.2715


22.5718, 0.5196,
0.2641

49.0505, 0.3661,
0.2829

22.4855, 0.5221,
0.2650

59.1778, 0.3486,
0.2950

71.2649, 0.3339,
0.3072

 85.4089, 0.3218,
0.3189

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.



29.3206, 0.3153, 0.2015



29.3206, 0.4370, 0.2552



29.3206, 0.5233, 0.3229

Triad

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



29.3206, 0.4370, 0.2552



29.3206, 0.3794, 0.5410



29.3206, 0.1299, 0.2008

Complementary

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



29.3206, 0.4370, 0.2552



76.3173, 0.2653, 0.4324

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.



29.3206, 0.1388, 0.2795



29.3206, 0.4370, 0.2552



29.3206, 0.2758, 0.5279

Square

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



29.3206, 0.4370, 0.2552



29.3206, 0.4728, 0.4773



29.3206, 0.1874, 0.4105



29.3206, 0.1544, 0.1694

Rectangle

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



29.3206, 0.4370, 0.2552



29.3206, 0.5375, 0.3719



29.3206, 0.1874, 0.4105



29.3206, 0.1290, 0.2209

Sweetspot

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



29.3221, 0.4370, 0.2552



68.7063, 0.3366, 0.3048



22.0206, 0.2457, 0.1398



13.9723, 0.3405, 0.3014



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.



29.3221, 0.4370, 0.2552



24.8586, 0.4763, 0.2534



28.7727, 0.5400, 0.3368



18.1226, 0.3223, 0.3184



11.7782, 0.5181, 0.2628



1.1684, 0.4900, 0.2473

Inverse Universe

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



29.3221, 0.4370, 0.2552



24.8586, 0.4763, 0.2534



74.9162, 0.2306, 0.3182



18.1226, 0.3223, 0.3184



11.7782, 0.5181, 0.2628



1.1684, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 29.3206, 0.4370, 0.2552 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3206, 0.4370, 0.2552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

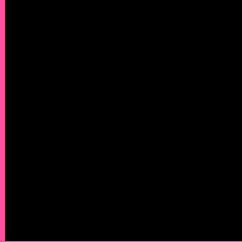
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3206, 0.4370, 0.2552

Background



This preview shows how black text looks on a background with the Yxy color 29.3206, 0.4370, 0.2552.



This preview shows how white text looks on a background with the Yxy color 29.3206, 0.4370, 0.2552.

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

29.3206, 0.4370, 0.2552

Protanopia

29.6803, 0.2541, 0.2486

Deuteranopia

29.3919, 0.3260, 0.3199



Tritanopia

29.2388, 0.5093, 0.3241

Trichromacy



Original Color

29.3206, 0.4370, 0.2552



Protanomaly

26.7690, 0.3080, 0.2436



Deuteranomaly

27.3020, 0.3660, 0.2864



Tritanomaly

29.0310, 0.4850, 0.2994

Monochromacy



Original Color

29.3206, 0.4370, 0.2552



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.0085, 0.3574, 0.2880

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3206, 0.4370, 0.2552 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, 79, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 158)  
}
```

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, 79, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 158) }
```

Border

The CSS property to change the border of an element to Yxy 29.3206, 0.4370, 0.2552 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, 79, 158) }
```

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

```
.border{ border-color:rgb(255, 79, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 79, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3206, 0.4370, 0.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 158) }
```

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

```
.background{ background-color: rgb(255, 79,  
158) }
```

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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