

Converting Colors

$Y_{xy}(29.9435, 0.4417, 0.2634)$

Have a look what the booklet for
Yxy(29.9435, 0.4417, 0.2634)
contains.

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Color

Yxy(29.9337, 0.4412, 0.2629)

Conversions

Conversions Part 1

Format	Color
Hex	FF549A
RGB	255, 84, 154
RGB Percent	100%, 33%, 60%
CMY	0.0001, 0.6704, 0.3962
CMYK	0.00, 0.67, 0.40, 0.00
HSL	335°, 100%, 66%
HSV	335°, 67%, 100%
XYZ	50.2349, 29.9337, 33.6911
YIQ	143.1090, 79.4460, 58.0220

Conversions

Conversions Part 2

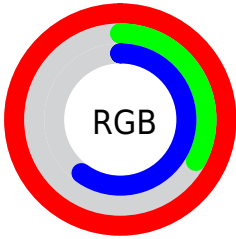
Format	Color
R _Y B	255, 84, 154
Decimal	16733338
CIE Lab	61.60, 69.79, -1.49
CIE LCh	62, 69.804, 358.780
Yxy	29.9337, 0.4412, 0.2629
Android (android.graphics.Color)	4294923418 (0xFFFF549A)
YUV	143.1090, 5.3693, 98.1284
Hunter-Lab	54.7117, 68.1486, 1.7878

Details

The Yxy color **29.9337, 0.4412, 0.2629** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **76.8963, 0.2628, 0.4195**, and the grayscale version is **27.4746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4590, 0.3608, 0.2627**, and **12.3167, 0.4823, 0.2430** is the 20% darker color. If you saturate the color by 10%, you get **26.1985, 0.4716, 0.2605**, and if you desaturate by 10%, it is **35.1749, 0.4129, 0.2693**.

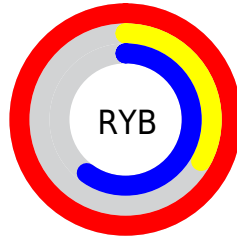
Distribution



Red (100%)

Green (33%)

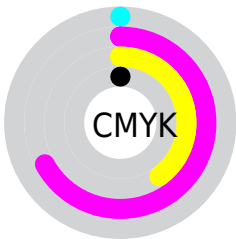
Blue (60%)



Red (100%)

Yellow (33%)

Blue (60%)

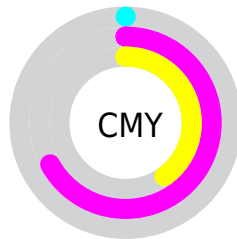


Cyan (0%)

Magenta (67%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (67%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9337, 0.4412, 0.2629 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 29.9337, 0.4412, 0.2629 by changing the saturation by 10% instead.


 29.9337, 0.4412,
0.2629


 29.9337, 0.4412,
0.2629


301.5953, 0.3731,
0.2977


 19.7883, 0.4593,
0.2537


 59.5573, 0.4156,
0.2759

 12.2412, 0.4831,
0.2417


 79.8043, 0.4063,
0.2807

 6.9082, 0.5156,
0.2254


 104.1872, 0.3985,
0.2847

 3.4047, 0.5624,
0.2021

 133.0905, 0.3918,
0.2881

 1.3465, 0.6338,
0.1669

166.8986, 0.3862,
0.2910

 0.1768, 0.8323,
0.0626

205.9958, 0.3812,

 0.0000, 1.0000,

0.2935

0.0000

250.7666, 0.3769,
0.2957

0.0000, 0.0000,
0.0000

29.9337, 0.4412,
0.2629

29.9337, 0.4412,
0.2629

26.1985, 0.4716,
0.2605

35.1749, 0.4129,
0.2693

23.7972, 0.5022,
0.2632

42.0597, 0.3877,
0.2784

22.5187, 0.5308,
0.2713

50.7154, 0.3660,
0.2890

22.2614, 0.5389,
0.2742

61.2554, 0.3477,
0.3001

73.7834, 0.3326,
0.3112

 88.3957, 0.3201,
0.3219

99.9955, 0.3127,
0.3290

Harmonies

Analogous

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



29.9337, 0.3249, 0.2088



29.9337, 0.4412, 0.2629



29.9337, 0.5192, 0.3300

Triad

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



29.9337, 0.4412, 0.2629



29.9337, 0.3708, 0.5360



29.9337, 0.1357, 0.2013

Complementary

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



29.9337, 0.4412, 0.2629



76.8963, 0.2628, 0.4195

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.



29.9337, 0.1420, 0.2739



29.9337, 0.4412, 0.2629



29.9337, 0.2703, 0.5129

Square

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



29.9337, 0.4412, 0.2629



29.9337, 0.4625, 0.4802



29.9337, 0.1866, 0.3962



29.9337, 0.1624, 0.1732

Rectangle

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



29.9337, 0.4412, 0.2629



29.9337, 0.5293, 0.3783



29.9337, 0.1866, 0.3962



29.9337, 0.1340, 0.2198

Sweetspot

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



29.9353, 0.4412, 0.2629



69.8746, 0.3368, 0.3080



23.7261, 0.2532, 0.1468



14.1946, 0.3410, 0.3049



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.



29.9353, 0.4412, 0.2629



25.3617, 0.4807, 0.2607



30.6858, 0.5263, 0.3419



18.1103, 0.3230, 0.3193



11.6624, 0.5347, 0.2719



1.1566, 0.5049, 0.2555

Inverse Universe

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



29.9353, 0.4412, 0.2629



25.3617, 0.4807, 0.2607



71.8573, 0.2302, 0.3116



18.1103, 0.3230, 0.3193



11.6624, 0.5347, 0.2719



1.1566, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 29.9337, 0.4412, 0.2629 looks on a white background.

Color Contrast Check

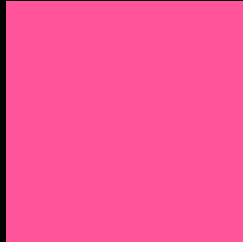
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9337, 0.4412, 0.2629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

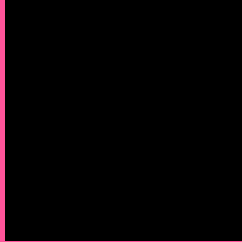
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9337, 0.4412, 0.2629

Background



This preview shows how black text looks on a background with the Yxy color 29.9337, 0.4412, 0.2629.



This preview shows how white text looks on a background with the Yxy color 29.9337, 0.4412, 0.2629.

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

29.9337, 0.4412, 0.2629

Protanopia

30.0808, 0.2633, 0.2597

Deuteranopia

29.9902, 0.3342, 0.3276



Tritanopia

29.8343, 0.5035, 0.3240

Trichromacy



Original Color

29.9337, 0.4412, 0.2629



Protanomaly

27.3733, 0.3173, 0.2542



Deuteranomaly

28.0630, 0.3738, 0.2947



Tritanomaly

29.7302, 0.4815, 0.3019

Monochromacy



Original Color

29.9337, 0.4412, 0.2629



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.2160, 0.3587, 0.2939

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9337, 0.4412, 0.2629 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, 84, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 154)  
}
```

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, 84, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 154) }
```

Border

The CSS property to change the border of an element to Yxy 29.9337, 0.4412, 0.2629 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, 84, 154) }
```

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

```
.border{ border-color:rgb(255, 84, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9337, 0.4412, 0.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 154) }
```

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

```
.background{ background-color: rgb(255, 84,  
154) }
```

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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