

Converting Colors

$Y_{xy}(29.6668, 0.4378, 0.2581)$

Have a look what the booklet for
Yxy(29.6668, 0.4378, 0.2581)
contains.

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Color

Yxy(29.7289, 0.4376, 0.2584)

Conversions

Conversions Part 1

Format	Color
Hex	FF529D
RGB	255, 82, 157
RGB Percent	100%, 32%, 62%
CMY	0.0000, 0.6784, 0.3844
CMYK	0.00, 0.68, 0.38, 0.00
HSL	334°, 100%, 66%
HSV	334°, 68%, 100%
XYZ	50.3458, 29.7289, 34.9752
YIQ	142.2770, 79.0330, 60.0010

Conversions

Conversions Part 2

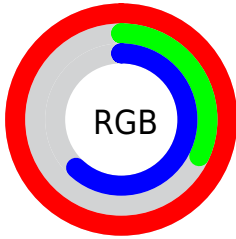
Format	Color
RYB	255, 82, 157
Decimal	16732829
CIELab	61.42, 70.85, -3.49
CIElCh	61, 70.936, 357.181
Yxy	29.7289, 0.4376, 0.2584
Android (android.graphics.Color)	4294922909 (0xFFFF529D)
YUV	142.2770, 7.2584, 98.8581
Hunter-Lab	54.5242, 69.4036, 0.1347

Details

The Yxy color **29.7289, 0.4376, 0.2584** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **76.6095, 0.2644, 0.4267**, and the grayscale version is **27.1106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3092, 0.3580, 0.2588**, and **12.3781, 0.4757, 0.2394** is the 20% darker color. If you saturate the color by 10%, you get **26.1058, 0.4665, 0.2558**, and if you desaturate by 10%, it is **34.8359, 0.4105, 0.2651**.

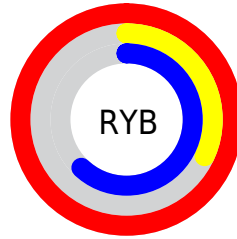
Distribution



Red (100%)

Green (32%)

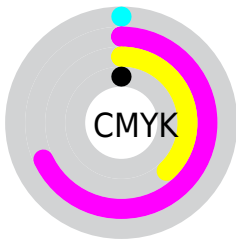
Blue (62%)



Red (100%)

Yellow (32%)

Blue (62%)

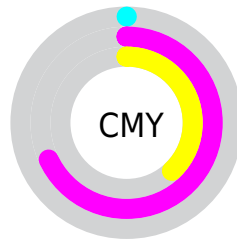


Cyan (0%)

Magenta (68%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (68%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7289, 0.4376, 0.2584 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 29.7289, 0.4376, 0.2584 by changing the saturation by 10% instead.


 29.7289, 0.4376,
0.2584


 29.7289, 0.4376,
0.2584


300.6387, 0.3716,
0.2952

 19.6329, 0.4551,
0.2488


 59.2332, 0.4128,
0.2721

 12.1285, 0.4781,
0.2364


 79.4103, 0.4038,
0.2771

 6.8312, 0.5095,
0.2195


 103.7165, 0.3962,
0.2814

 3.3568, 0.5547,
0.1957

 132.5363, 0.3898,
0.2850

 1.3207, 0.6235,
0.1603

166.2540, 0.3842,
0.2881

 0.1572, 0.8051,
0.0535

205.2541, 0.3795,

 0.0000, 1.0000,

0.2907

0.0000

249.9208, 0.3753,
0.2931

0.0000, 0.0000,
0.0000

29.7289, 0.4376,
0.2584

29.7289, 0.4376,
0.2584

26.1058, 0.4665,
0.2558

34.8359, 0.4105,
0.2651

23.8006, 0.4956,
0.2585

41.5740, 0.3863,
0.2746


22.5861, 0.5230,
0.2665

50.0687, 0.3653,
0.2858

22.3973, 0.5287,
0.2686

60.4341, 0.3476,
0.2975

72.7743, 0.3329,
0.3093

 87.1860, 0.3207,
0.3206

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.



29.7289, 0.3187, 0.2048



29.7289, 0.4376, 0.2584



29.7289, 0.5204, 0.3256

Triad

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



29.7289, 0.4376, 0.2584



29.7289, 0.3763, 0.5379



29.7289, 0.1329, 0.2018

Complementary

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



29.7289, 0.4376, 0.2584



76.6095, 0.2644, 0.4267

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.



29.7289, 0.1409, 0.2780



29.7289, 0.4376, 0.2584



29.7289, 0.2744, 0.5209

Square

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



29.7289, 0.4376, 0.2584



29.7289, 0.4685, 0.4778



29.7289, 0.1880, 0.4048



29.7289, 0.1581, 0.1716

Rectangle

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



29.7289, 0.4376, 0.2584



29.7289, 0.5332, 0.3742



29.7289, 0.1880, 0.4048



29.7289, 0.1317, 0.2213

Sweetspot

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



29.7278, 0.4376, 0.2584



69.9425, 0.3358, 0.3068



22.6186, 0.2471, 0.1425



14.2108, 0.3399, 0.3035



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.



29.7278, 0.4376, 0.2584



25.2452, 0.4758, 0.2561



29.2910, 0.5345, 0.3369



18.1178, 0.3226, 0.3187



11.7317, 0.5246, 0.2663



1.1637, 0.4958, 0.2505

Inverse Universe

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



29.7278, 0.4376, 0.2584



25.2452, 0.4758, 0.2561



75.1382, 0.2314, 0.3184



18.1178, 0.3226, 0.3187



11.7317, 0.5246, 0.2663



1.1637, 0.4958, 0.2505

Previews

White Background



This preview shows how the Yxy color 29.7289, 0.4376, 0.2584 looks on a white background.

Color Contrast Check

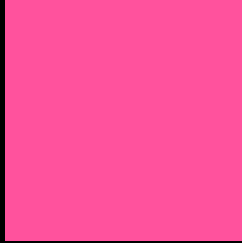
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7289, 0.4376, 0.2584 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 29.7289, 0.4376, 0.2584

Background



This preview shows how black text looks on a background with the Yxy color 29.7289, 0.4376, 0.2584.



This preview shows how white text looks on a background with the Yxy color 29.7289, 0.4376, 0.2584.

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

29.7289, 0.4376, 0.2584

Protanopia

30.0130, 0.2579, 0.2542

Deuteranopia

29.8712, 0.3290, 0.3230



Tritanopia

29.6332, 0.5054, 0.3240

Trichromacy



Original Color

29.7289, 0.4376, 0.2584



Protanomaly

27.0498, 0.3111, 0.2476



Deuteranomaly

27.6449, 0.3681, 0.2892



Tritanomaly

29.3883, 0.4826, 0.3002

Monochromacy



Original Color

29.7289, 0.4376, 0.2584



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.6068, 0.3581, 0.2910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7289, 0.4376, 0.2584 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, 82, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 157)  
}
```

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, 82, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 157) }
```

Border

The CSS property to change the border of an element to Yxy 29.7289, 0.4376, 0.2584 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, 82, 157) }
```

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

```
.border{ border-color:rgb(255, 82, 157) }
```

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

Here you see how a box with a 4 pixel rgb(255, 82, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7289, 0.4376, 0.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 157) }
```

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

```
.background{ background-color: rgb(255, 82,  
157) }
```

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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