

Converting Colors

Yxy(28.6346, 0.4523, 0.2633)

Have a look what the booklet for
Yxy(28.6346, 0.4523, 0.2633)
contains.

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Color

Yxy(28.7059, 0.4521, 0.2636)

Conversions

Conversions Part 1

Format	Color
Hex	FF4D94
RGB	255, 77, 148
RGB Percent	100%, 30%, 58%
CMY	0.0001, 0.6979, 0.4196
CMYK	0.00, 0.70, 0.42, 0.00
HSL	336°, 100%, 65%
HSV	336°, 70%, 100%
XYZ	49.2334, 28.7059, 30.9601
YIQ	138.3160, 83.2970, 59.8170

Conversions

Conversions Part 2

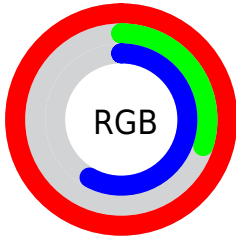
Format	Color
R _Y B	255, 77, 148
Decimal	16731540
CIE Lab	60.52, 71.72, 0.42
CIE LCh	61, 71.723, 0.333
Yxy	28.7059, 0.4521, 0.2636
Android (android.graphics.Color)	4294921620 (0xFFFF4D94)
YUV	138.3160, 4.7742, 102.3319
Hunter-Lab	53.5779, 70.2648, 3.2436

Details

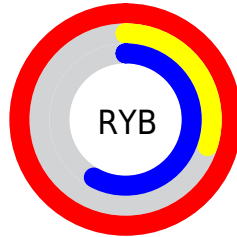
The Yxy color **28.7059, 0.4521, 0.2636** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **76.5487, 0.2613, 0.4214**, and the grayscale version is **25.5063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4156, 0.3681, 0.2626**, and **12.2193, 0.4933, 0.2491** is the 20% darker color. If you saturate the color by 10%, you get **25.3557, 0.4834, 0.2627**, and if you desaturate by 10%, it is **33.5210, 0.4224, 0.2688**.

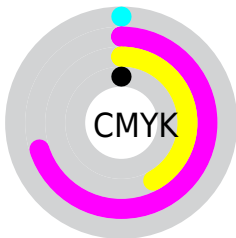
Distribution



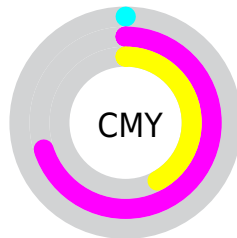
- Red (100%)
- Green (30%)
- Blue (58%)



- Red (100%)
- Yellow (30%)
- Blue (58%)



- Cyan (0%)
- Magenta (70%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7059, 0.4521, 0.2636 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 28.7059, 0.4521, 0.2636 by changing the saturation by 10% instead.


 28.7059, 0.4521,
0.2636


 28.7059, 0.4521,
0.2636


295.8248, 0.3777,
0.2986

 18.8585, 0.4720,
0.2542


 57.6095, 0.4240,
0.2768


 11.5680, 0.4984,
0.2418


 77.4344, 0.4138,
0.2817

 6.4503, 0.5345,
0.2247


 101.3540, 0.4052,
0.2857

 3.1208, 0.5864,
0.2001

 129.7525, 0.3980,
0.2891

 1.1951, 0.6655,
0.1624

163.0145, 0.3918,
0.2920

 0.0577, 0.9605,
0.0250

201.5243, 0.3865,


 0.0000, 1.0000,


0.2945


0.0000


245.6662, 0.3818,
0.2967


 0.0000, 0.0000,
0.0000


 28.7059, 0.4521,
0.2636


 28.7059, 0.4521,
0.2636


 25.3557, 0.4834,
0.2627


 33.5210, 0.4224,
0.2688


 23.2892, 0.5142,
0.2671


 39.9446, 0.3958,
0.2771


 22.2275, 0.5426,
0.2764

 48.1082, 0.3726,
0.2871

 22.2091, 0.5432,
0.2766

 58.1283, 0.3531,
0.2979

 70.1112, 0.3368,
0.3087

 84.1553, 0.3235,
0.3193

99.9963, 0.3127,
0.3290

Harmonies

Analogous

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



28.7059, 0.3312, 0.2073



28.7059, 0.4521, 0.2636



28.7059, 0.5294, 0.3324

Triad

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



28.7059, 0.4521, 0.2636



28.7059, 0.3657, 0.5455



28.7059, 0.1311, 0.1941

Complementary

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



28.7059, 0.4521, 0.2636



76.5487, 0.2613, 0.4214

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.



28.7059, 0.1354, 0.2657



28.7059, 0.4521, 0.2636



28.7059, 0.2624, 0.5175

Square

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



28.7059, 0.4521, 0.2636



28.7059, 0.4618, 0.4877



28.7059, 0.1783, 0.3914



28.7059, 0.1601, 0.1678

Rectangle

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



28.7059, 0.4521, 0.2636



28.7059, 0.5362, 0.3820



28.7059, 0.1783, 0.3914



28.7059, 0.1288, 0.2121

Sweetspot

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



28.7075, 0.4521, 0.2636



68.5605, 0.3387, 0.3074



22.6982, 0.2527, 0.1419



13.9379, 0.3429, 0.3044



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.



28.7075, 0.4521, 0.2636



24.3439, 0.4966, 0.2639



29.9471, 0.5365, 0.3444



18.1071, 0.3231, 0.3196



11.6343, 0.5389, 0.2742



1.1536, 0.5087, 0.2576

Inverse Universe

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



28.7075, 0.4521, 0.2636



24.3439, 0.4966, 0.2639



69.4745, 0.2274, 0.3071



18.1071, 0.3231, 0.3196



11.6343, 0.5389, 0.2742



1.1536, 0.5087, 0.2576

Previews

White Background



This preview shows how the Yxy color 28.7059, 0.4521, 0.2636 looks on a white background.

Color Contrast Check

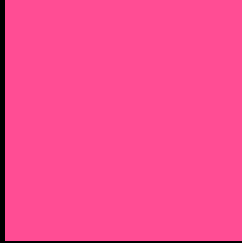
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7059, 0.4521, 0.2636 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 28.7059, 0.4521, 0.2636

Background



This preview shows how black text looks on a background with the Yxy color 28.7059, 0.4521, 0.2636.



This preview shows how white text looks on a background with the Yxy color 28.7059, 0.4521, 0.2636.

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

28.7059, 0.4521, 0.2636

Protanopia

29.0758, 0.2650, 0.2629

Deuteranopia

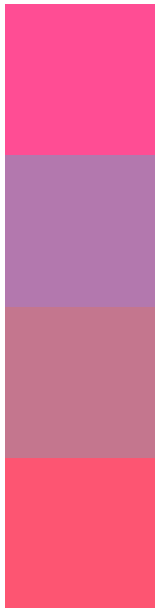
28.7004, 0.3390, 0.3321



Tritanopia

28.8340, 0.5172, 0.3252

Trichromacy



Original Color

28.7059, 0.4521, 0.2636

Protanomaly

26.0726, 0.3219, 0.2547

Deuteranomaly

26.6456, 0.3804, 0.2970

Tritanomaly

28.5946, 0.4959, 0.3030

Monochromacy



Original Color

28.7059, 0.4521, 0.2636

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.2675, 0.3631, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7059, 0.4521, 0.2636 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, 77, 148)` looks like.

```
.text, #text, p{  
  color:rgb(255, 77, 148)  
}
```

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, 77, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 148) }
```

Border

The CSS property to change the border of an element to Yxy 28.7059, 0.4521, 0.2636 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, 77, 148) }
```

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

```
.border{ border-color:rgb(255, 77, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7059, 0.4521, 0.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 148) }
```

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

```
.background{ background-color: rgb(255, 77,  
148) }
```

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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