

Converting Colors

$Y_{xy}(40.9289, 0.4812, 0.2852)$

Have a look what the booklet for
Yxy(40.9289, 0.4812, 0.2852)
contains.

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Color

Yxy(31.4998, 0.4420, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E97
RGB	255, 94, 151
RGB Percent	100%, 37%, 59%
CMY	0.0000, 0.6314, 0.4079
CMYK	0.00, 0.63, 0.41, 0.00
HSL	339°, 100%, 68%
HSV	339°, 63%, 100%
XYZ	50.8321, 31.4998, 32.6728
YIQ	148.6370, 77.6590, 51.8590

Conversions

Conversions Part 2

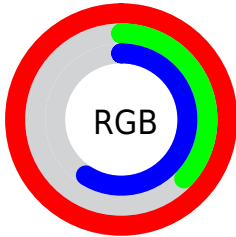
Format	Color
RYB	255, 94, 151
Decimal	16735895
CIELab	62.93, 65.65, 2.18
CIElCh	63, 65.686, 1.905
Yxy	31.4998, 0.4420, 0.2739
Android (android.graphics.Color)	4294925975 (0xFFFF5E97)
YUV	148.6370, 1.1650, 93.2804
Hunter-Lab	56.1247, 63.4492, 4.7717

Details

The Yxy color **31.4998, 0.4420, 0.2739** 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 **77.9771, 0.2602, 0.4012**, and the grayscale version is **29.8625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1243, 0.3621, 0.2745**, and **13.1733, 0.4852, 0.2563** is the 20% darker color. If you saturate the color by 10%, you get **27.1899, 0.4751, 0.2710**, and if you desaturate by 10%, it is **37.3789, 0.4117, 0.2802**.

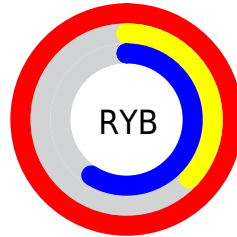
Distribution



Red (100%)

Green (37%)

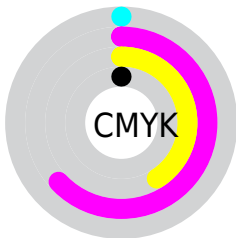
Blue (59%)



Red (100%)

Yellow (37%)

Blue (59%)

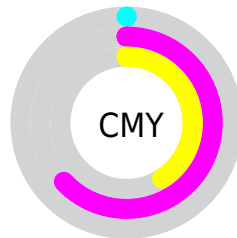


Cyan (0%)

Magenta (63%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (63%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4998, 0.4420, 0.2739 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 31.4998, 0.4420, 0.2739 by changing the saturation by 10% instead.


 31.4998, 0.4420,
0.2739


 31.4998, 0.4420,
0.2739


308.8343, 0.3736,
0.3034

 20.9797, 0.4601,
0.2660


 62.0261, 0.4163,
0.2851


 13.1092, 0.4839,
0.2555


 82.8011, 0.4069,
0.2891

 7.5038, 0.5165,
0.2410

 107.7633, 0.3991,
0.2925

 3.7791, 0.5631,
0.2200

 137.2969, 0.3924,
0.2954

 1.5508, 0.6340,
0.1875

171.7864, 0.3867,
0.2978

 0.3241, 0.8224,
0.1098

211.6162, 0.3818,

 0.0000, 1.0000,

0.2999

0.0000

257.1707, 0.3774,
0.3018

■ 0.0000, 0.0000,
0.0000

■ 31.4998, 0.4420,
0.2739

■ 31.4998, 0.4420,
0.2739

■ 27.1899, 0.4751,
0.2710

■ 37.3789, 0.4117,
0.2802

■ 24.2963, 0.5091,
0.2726

■ 44.9672, 0.3852,
0.2886


■ 22.6271, 0.5413,
0.2795

■ 54.3846, 0.3627,
0.2981

■ 22.0027, 0.5611,
0.2865

■ 65.7412, 0.3440,
0.3078

■ 79.1382, 0.3287,
0.3173

 94.6699, 0.3162,
0.3263

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.



31.4998, 0.3358, 0.2204



31.4998, 0.4420, 0.2739



31.4998, 0.5082, 0.3391

Triad

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



31.4998, 0.4420, 0.2739



31.4998, 0.3599, 0.5230



31.4998, 0.1466, 0.2053

Complementary

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



31.4998, 0.4420, 0.2739



77.9771, 0.2602, 0.4012

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.



31.4998, 0.1498, 0.2697



31.4998, 0.4420, 0.2739



31.4998, 0.2654, 0.4890

Square

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



31.4998, 0.4420, 0.2739



31.4998, 0.4475, 0.4800



31.4998, 0.1891, 0.3785



31.4998, 0.1756, 0.1813

Rectangle

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



31.4998, 0.4420, 0.2739



31.4998, 0.5140, 0.3858



31.4998, 0.1891, 0.3785



31.4998, 0.1440, 0.2217

Sweetspot

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



31.4984, 0.4420, 0.2739



71.0334, 0.3373, 0.3117



26.9556, 0.2648, 0.1593



14.4132, 0.3419, 0.3090



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.



31.4984, 0.4420, 0.2739



26.2252, 0.4849, 0.2709



34.4353, 0.5019, 0.3496



18.0933, 0.3238, 0.3206



11.5225, 0.5568, 0.2841



1.1418, 0.5253, 0.2668

Inverse Universe

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



31.4984, 0.4420, 0.2739



26.2252, 0.4849, 0.2709



68.1793, 0.2307, 0.3028



18.0933, 0.3238, 0.3206



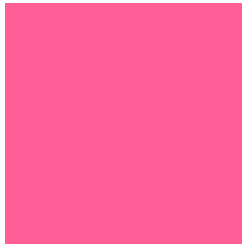
11.5225, 0.5568, 0.2841



1.1418, 0.5253, 0.2668

Previews

White Background



This preview shows how the Yxy color 31.4998, 0.4420, 0.2739 looks on a white background.

Color Contrast Check

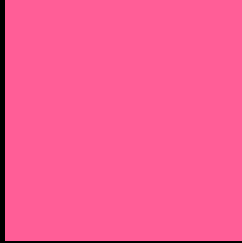
Large Text (above 18pt) WCAG AA × Fail

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 31.4998, 0.4420, 0.2739 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 31.4998, 0.4420, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 31.4998, 0.4420, 0.2739.



This preview shows how white text looks on a background with the Yxy color 31.4998, 0.4420, 0.2739.

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

31.4998, 0.4420, 0.2739

Protanopia

31.6557, 0.2775, 0.2789

Deuteranopia

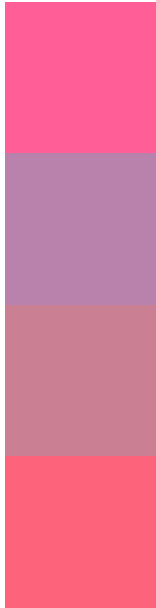
31.5085, 0.3422, 0.3350



Tritanopia

31.5001, 0.4909, 0.3238

Trichromacy



Original Color

31.4998, 0.4420, 0.2739

Protanomaly

29.2967, 0.3286, 0.2709

Deuteranomaly

30.0702, 0.3788, 0.3057

Tritanomaly

31.4522, 0.4741, 0.3062

Monochromacy



Original Color

31.4998, 0.4420, 0.2739

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.5939, 0.3579, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4998, 0.4420, 0.2739 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, 94, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 151)  
}
```

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, 94, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 151) }
```

Border

The CSS property to change the border of an element to Yxy 31.4998, 0.4420, 0.2739 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, 94, 151) }
```

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

```
.border{ border-color:rgb(255, 94, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4998, 0.4420, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 151) }
```

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

```
.background{ background-color: rgb(255, 94,  
151) }
```

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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