

Converting Colors

Yxy(31.4902, 0.4449, 0.2764)

Have a look what the booklet for
Yxy(31.4902, 0.4449, 0.2764)
contains.

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Color

Yxy(31.4353, 0.4447, 0.2759)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E95
RGB	255, 94, 149
RGB Percent	100%, 37%, 58%
CMY	0.0000, 0.6313, 0.4157
CMYK	0.00, 0.63, 0.42, 0.00
HSL	340°, 100%, 68%
HSV	340°, 63%, 100%
XYZ	50.6679, 31.4353, 31.8341
YIQ	148.4090, 78.3010, 51.2370

Conversions

Conversions Part 2

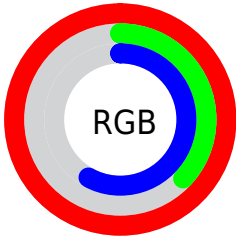
Format	Color
R _Y B	255, 94, 149
Decimal	16735893
CIE Lab	62.87, 65.45, 3.25
CIE LCh	63, 65.526, 2.840
Yxy	31.4353, 0.4447, 0.2759
Android (android.graphics.Color)	4294925973 (0xFFFF5E95)
YUV	148.4090, 0.2914, 93.4803
Hunter-Lab	56.0672, 63.1928, 5.5831

Details

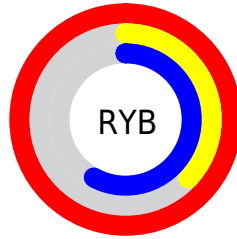
The Yxy color **31.4353, 0.4447, 0.2759** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **78.0700, 0.2593, 0.3985**, and the grayscale version is **29.7701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0283, 0.3641, 0.2765**, and **13.0222, 0.4861, 0.2570** is the 20% darker color. If you saturate the color by 10%, you get **27.1279, 0.4786, 0.2732**, and if you desaturate by 10%, it is **37.3206, 0.4137, 0.2819**.

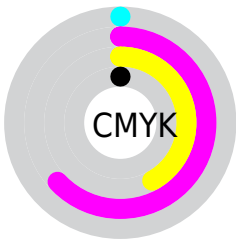
Distribution



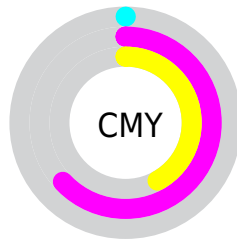
- Red (100%)
- Green (37%)
- Blue (58%)



- Red (100%)
- Yellow (37%)
- Blue (58%)



- Cyan (0%)
- Magenta (63%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4353, 0.4447, 0.2759 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 31.4353, 0.4447, 0.2759 by changing the saturation by 10% instead.


 31.4353, 0.4447,
0.2759


 31.4353, 0.4447,
0.2759


308.5388, 0.3748,
0.3046


 20.9305, 0.4633,
0.2681


 61.9248, 0.4184,
0.2868

 13.0732, 0.4876,
0.2578


 82.6783, 0.4088,
0.2907

 7.4790, 0.5210,
0.2434


 107.6168, 0.4008,
0.2940

 3.7634, 0.5687,
0.2225

 137.1247, 0.3940,
0.2968

 1.5421, 0.6412,
0.1899

171.5865, 0.3882,
0.2992

 0.3181, 0.8461,
0.1119

211.3865, 0.3831,

 0.0000, 1.0000,

0.3012

0.0000

256.9091, 0.3787,
0.3030

■ 0.0000, 0.0000,
0.0000

■ 31.4353, 0.4447,
0.2759

■ 31.4353, 0.4447,
0.2759

■ 27.1279, 0.4786,
0.2732

■ 37.3206, 0.4137,
0.2819

■ 24.2360, 0.5133,
0.2751

■ 44.9149, 0.3866,
0.2900

■ 22.5708, 0.5459,
0.2821

■ 54.3412, 0.3636,
0.2991

■ 21.9499, 0.5659,
0.2891

■ 65.7097, 0.3446,
0.3085

■ 79.1219, 0.3290,
0.3177

94.6721, 0.3162,
0.3264

99.9999, 0.3127,
0.3290

Harmonies

Analogous

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



31.4353, 0.3392, 0.2220



31.4353, 0.4447, 0.2759



31.4353, 0.5089, 0.3413

Triad

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



31.4353, 0.4447, 0.2759



31.4353, 0.3569, 0.5230



31.4353, 0.1473, 0.2042

Complementary

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



31.4353, 0.4447, 0.2759



78.0700, 0.2593, 0.3985

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.



31.4353, 0.1494, 0.2671



31.4353, 0.4447, 0.2759



31.4353, 0.2627, 0.4861

Square

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



31.4353, 0.4447, 0.2759



31.4353, 0.4450, 0.4818



31.4353, 0.1875, 0.3747



31.4353, 0.1773, 0.1813

Rectangle

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



31.4353, 0.4447, 0.2759



31.4353, 0.5132, 0.3880



31.4353, 0.1875, 0.3747



31.4353, 0.1443, 0.2202

Sweetspot

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



31.4370, 0.4447, 0.2759



71.0011, 0.3377, 0.3123



27.3215, 0.2672, 0.1604



14.4055, 0.3424, 0.3097



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.



31.4370, 0.4447, 0.2759



26.1619, 0.4886, 0.2733



35.0621, 0.4998, 0.3522



18.0895, 0.3240, 0.3209



11.4944, 0.5615, 0.2867



1.1387, 0.5299, 0.2693

Inverse Universe

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



31.4370, 0.4447, 0.2759



26.1619, 0.4886, 0.2733



66.6685, 0.2300, 0.2994



18.0895, 0.3240, 0.3209



11.4944, 0.5615, 0.2867



1.1387, 0.5299, 0.2693

Previews

White Background



This preview shows how the Yxy color 31.4353, 0.4447, 0.2759 looks on a white background.

Color Contrast Check

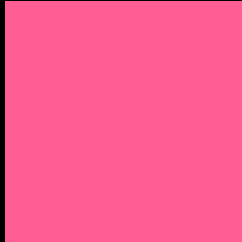
Large Text (above 18pt) WCAG AA × Fail

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 31.4353, 0.4447, 0.2759 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 31.4353, 0.4447, 0.2759

Background



This preview shows how black text looks on a background with the Yxy color 31.4353, 0.4447, 0.2759.



This preview shows how white text looks on a background with the Yxy color 31.4353, 0.4447, 0.2759.

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

31.4353, 0.4447, 0.2759

Protanopia

31.6631, 0.2800, 0.2817

Deuteranopia

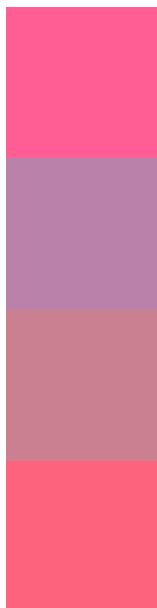
31.4485, 0.3442, 0.3379



Tritanopia

31.3023, 0.4915, 0.3228

Trichromacy



Original Color

31.4353, 0.4447, 0.2759

Protanomaly

29.3446, 0.3318, 0.2736

Deuteranomaly

30.0085, 0.3812, 0.3083

Tritanomaly

31.2616, 0.4746, 0.3053

Monochromacy



Original Color

31.4353, 0.4447, 0.2759

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.1413, 0.3594, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4353, 0.4447, 0.2759 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 149) }
```

Border

The CSS property to change the border of an element to Yxy 31.4353, 0.4447, 0.2759 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, 149) }
```

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

```
.border{ border-color:rgb(255, 94, 149) }
```

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, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4353, 0.4447, 0.2759 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, 149) }
```

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

```
.background{ background-color: rgb(255, 94,  
149) }
```

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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