

Converting Colors

Yxy(32.0061, 0.4451, 0.2800)

Have a look what the booklet for
Yxy(32.0061, 0.4451, 0.2800)
contains.

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Color

Yxy(31.9475, 0.4449, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	FF6194
RGB	255, 97, 148
RGB Percent	100%, 38%, 58%
CMY	0.0001, 0.6195, 0.4196
CMYK	0.00, 0.62, 0.42, 0.00
HSL	341°, 100%, 69%
HSV	341°, 62%, 100%
XYZ	50.8531, 31.9475, 31.5017
YIQ	150.0560, 77.7970, 49.3570

Conversions

Conversions Part 2

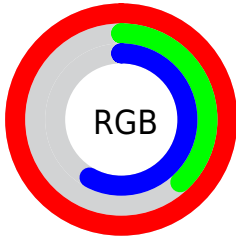
Format	Color
R _Y B	255, 97, 148
Decimal	16736660
CIE Lab	63.30, 64.10, 4.45
CIE LCh	63, 64.256, 3.967
Yxy	31.9475, 0.4449, 0.2795
Android (android.graphics.Color)	4294926740 (0xFFFF6194)
YUV	150.0560, -1.0136, 92.0359
Hunter-Lab	56.5221, 61.6832, 6.5211

Details

The Yxy color **31.9475, 0.4449, 0.2795** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78.4079, 0.2585, 0.3929**, and the grayscale version is **30.5090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6355, 0.3647, 0.2795**, and **13.4389, 0.4876, 0.2621** is the 20% darker color. If you saturate the color by 10%, you get **27.4618, 0.4797, 0.2768**, and if you desaturate by 10%, it is **38.0319, 0.4132, 0.2854**.

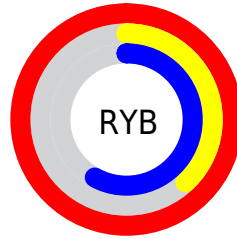
Distribution



Red (100%)

Green (38%)

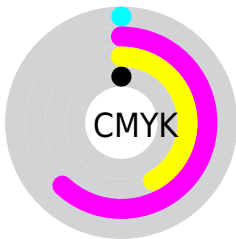
Blue (58%)



Red (100%)

Yellow (38%)

Blue (58%)

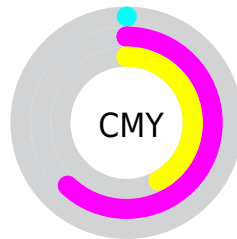


Cyan (0%)

Magenta (62%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9475, 0.4449, 0.2795 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 31.9475, 0.4449, 0.2795 by changing the saturation by 10% instead.


 31.9475, 0.4449,
0.2795


 31.9475, 0.4449,
0.2795


310.8800, 0.3749,
0.3064

 21.3214, 0.4634,
0.2721

 62.7288, 0.4186,
0.2898


 13.3591, 0.4878,
0.2623


 83.6527, 0.4090,
0.2935

 7.6763, 0.5211,
0.2486


 108.7781, 0.4010,
0.2966

 3.8885, 0.5686,
0.2284

 138.4893, 0.3942,
0.2992

 1.6114, 0.6407,
0.1967

173.1707, 0.3883,
0.3014

 0.3653, 0.8431,
0.1267

213.2067, 0.3833,

 0.0000, 1.0000,

0.3033


0.0000


258.9817, 0.3789,
0.3050


 0.0000, 0.0000,
0.0000


 31.9475, 0.4449,
0.2795


 31.9475, 0.4449,
0.2795


 27.4618, 0.4797,
0.2768

 38.0319, 0.4132,
0.2854


 24.4150, 0.5155,
0.2783


 45.8443, 0.3857,
0.2931

 22.6230, 0.5492,
0.2849

 55.5064, 0.3626,
0.3018

 21.8687, 0.5730,
0.2930

 67.1276, 0.3434,
0.3107

 80.8086, 0.3277,
0.3193

96.6433, 0.3149,
0.3275

99.9953, 0.3127,
0.3290

Harmonies

Analogous

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



31.9475, 0.3427, 0.2258



31.9475, 0.4449, 0.2795



31.9475, 0.5054, 0.3443

Triad

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



31.9475, 0.4449, 0.2795



31.9475, 0.3533, 0.5185



31.9475, 0.1508, 0.2055

Complementary

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



31.9475, 0.4449, 0.2795



78.4079, 0.2585, 0.3929

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.



31.9475, 0.1519, 0.2657



31.9475, 0.4449, 0.2795



31.9475, 0.2610, 0.4784

Square

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



31.9475, 0.4449, 0.2795



31.9475, 0.4400, 0.4815



31.9475, 0.1882, 0.3692



31.9475, 0.1817, 0.1839

Rectangle

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



31.9475, 0.4449, 0.2795



31.9475, 0.5083, 0.3904



31.9475, 0.1882, 0.3692



31.9475, 0.1476, 0.2207

Sweetspot

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



31.9492, 0.4449, 0.2795



70.9517, 0.3384, 0.3133



28.3767, 0.2707, 0.1643



14.3937, 0.3432, 0.3108



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.



31.9492, 0.4449, 0.2795



26.7288, 0.4870, 0.2767



36.3741, 0.4925, 0.3546



18.0837, 0.3243, 0.3214



11.4534, 0.5687, 0.2906



1.1342, 0.5367, 0.2730

Inverse Universe

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



31.9492, 0.4449, 0.2795



26.7288, 0.4870, 0.2767



65.6080, 0.2302, 0.2968



18.0837, 0.3243, 0.3214



11.4534, 0.5687, 0.2906



1.1342, 0.5367, 0.2730

Previews

White Background



This preview shows how the Yxy color 31.9475, 0.4449, 0.2795 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 31.9475, 0.4449, 0.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

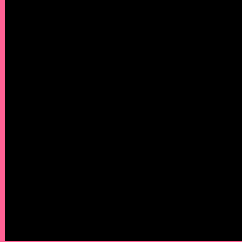
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9475, 0.4449, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 31.9475, 0.4449, 0.2795.



This preview shows how white text looks on a background with the Yxy color 31.9475, 0.4449, 0.2795.

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

31.9475, 0.4449, 0.2795

Protanopia

32.0886, 0.2835, 0.2862

Deuteranopia

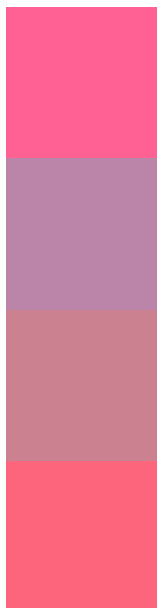
31.9575, 0.3472, 0.3408



Tritanopia

31.7438, 0.4877, 0.3228

Trichromacy



Original Color

31.9475, 0.4449, 0.2795

Protanomaly

29.9319, 0.3348, 0.2791

Deuteranomaly

30.3802, 0.3832, 0.3110

Tritanomaly

31.6452, 0.4736, 0.3071

Monochromacy



Original Color

31.9475, 0.4449, 0.2795

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.0939, 0.3585, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9475, 0.4449, 0.2795 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, 97, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 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, 97, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 148) }
```

Border

The CSS property to change the border of an element to Yxy 31.9475, 0.4449, 0.2795 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, 97, 148) }
```

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

```
.border{ border-color:rgb(255, 97, 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, 97, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9475, 0.4449, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 148) }
```

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

```
.background{ background-color: rgb(255, 97,  
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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