

Converting Colors

Yxy(53.2120, 0.4954, 0.2816)

Have a look what the booklet for
Yxy(53.2120, 0.4954, 0.2816)
contains.

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Color

Yxy(31.9159, 0.4191, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	FF5DA8
RGB	255, 93, 168
RGB Percent	100%, 36%, 66%
CMY	0.0002, 0.6351, 0.3412
CMYK	0.00, 0.63, 0.34, 0.00
HSL	332°, 100%, 68%
HSV	332°, 63%, 100%
XYZ	52.2090, 31.9159, 40.4492
YIQ	149.9880, 72.4770, 57.6690

Conversions

Conversions Part 2

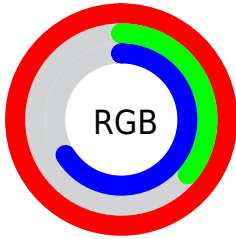
Format	Color
R _Y B	255, 93, 168
Decimal	16735656
CIE Lab	63.27, 67.79, -7.10
CIE LCh	63, 68.161, 354.025
Yxy	31.9159, 0.4191, 0.2562
Android (android.graphics.Color)	4294925736 (0xFFFF5DA8)
YUV	149.9880, 8.8799, 92.0955
Hunter-Lab	56.4942, 66.0959, -2.9051

Details

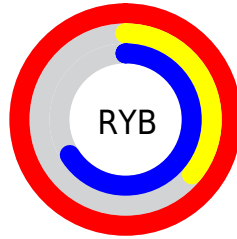
The Yxy color **31.9159, 0.4191, 0.2562** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **77.1177, 0.2678, 0.4257**, and the grayscale version is **30.4413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7209, 0.3452, 0.2563**, and **13.3431, 0.4526, 0.2349** is the 20% darker color. If you saturate the color by 10%, you get **27.6762, 0.4455, 0.2510**, and if you desaturate by 10%, it is **37.7041, 0.3948, 0.2650**.

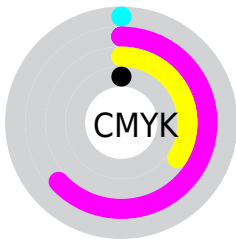
Distribution



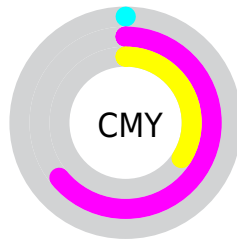
- Red (100%)
- Green (36%)
- Blue (66%)



- Red (100%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (63%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9159, 0.4191, 0.2562 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 31.9159, 0.4191, 0.2562 by changing the saturation by 10% instead.


 31.9159, 0.4191,
0.2562


 31.9159, 0.4191,
0.2562


310.7360, 0.3638,
0.2932


 21.2973, 0.4335,
0.2469


 62.6792, 0.3985,
0.2697

 13.3415, 0.4523,
0.2349

 83.5927, 0.3909,
0.2748

 7.6641, 0.4778,
0.2190


 108.7066, 0.3846,
0.2790

 3.8808, 0.5140,
0.1969

 138.4053, 0.3792,
0.2827

 1.6071, 0.5690,
0.1648

173.0732, 0.3745,
0.2858

 0.3624, 0.6757,
0.0938

213.0947, 0.3705,

 0.0000, 1.0000,

0.2886

0.0000

258.8541, 0.3669,
0.2910

■ 0.0000, 0.0000,
0.0000

■ 31.9159, 0.4191,
0.2562

■ 31.9159, 0.4191,
0.2562

■ 27.6762, 0.4455,
0.2510

■ 37.7041, 0.3948,
0.2650

■ 24.8235, 0.4729,
0.2507

■ 45.1710, 0.3734,
0.2761


■ 23.1690, 0.4997,
0.2559

■ 54.4387, 0.3550,
0.2883

■ 22.5594, 0.5162,
0.2617

■ 65.6162, 0.3395,
0.3009

■ 78.8041, 0.3266,
0.3133

 94.0958, 0.3160,
0.3250

99.9914, 0.3127,
0.3290

Harmonies

Analogous

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



31.9159, 0.3075, 0.2065



31.9159, 0.4191, 0.2562



31.9159, 0.5031, 0.3204

Triad

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



31.9159, 0.4191, 0.2562



31.9159, 0.3854, 0.5227



31.9159, 0.1402, 0.2144

Complementary

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



31.9159, 0.4191, 0.2562



77.1177, 0.2678, 0.4257

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.



31.9159, 0.1522, 0.2928



31.9159, 0.4191, 0.2562



31.9159, 0.2881, 0.5141

Square

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



31.9159, 0.4191, 0.2562



31.9159, 0.4701, 0.4650



31.9159, 0.2025, 0.4137



31.9159, 0.1612, 0.1806

Rectangle

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



31.9159, 0.4191, 0.2562



31.9159, 0.5215, 0.3670



31.9159, 0.2025, 0.4137



31.9159, 0.1404, 0.2350

Sweetspot

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



31.9176, 0.4191, 0.2562



71.3236, 0.3334, 0.3065



24.6884, 0.2501, 0.1519



14.4829, 0.3372, 0.3030



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.



31.9176, 0.4191, 0.2562



26.8499, 0.4524, 0.2504



30.8640, 0.5159, 0.3344



18.1270, 0.3221, 0.3180



11.8220, 0.5122, 0.2595



1.1729, 0.4848, 0.2444

Inverse Universe

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



31.9176, 0.4191, 0.2562



26.8499, 0.4524, 0.2504



77.6443, 0.2351, 0.3224



18.1270, 0.3221, 0.3180



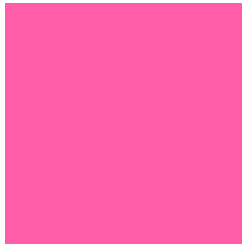
11.8220, 0.5122, 0.2595



1.1729, 0.4848, 0.2444

Previews

White Background



This preview shows how the Yxy color 31.9159, 0.4191, 0.2562 looks on a white background.

Color Contrast Check

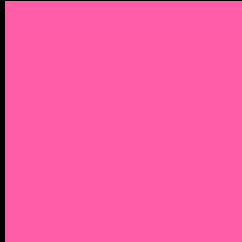
Large Text (above 18pt) WCAG AA × Fail

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 31.9159, 0.4191, 0.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

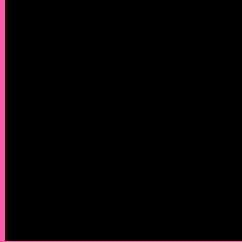
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9159, 0.4191, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 31.9159, 0.4191, 0.2562.



This preview shows how white text looks on a background with the Yxy color 31.9159, 0.4191, 0.2562.

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

31.9159, 0.4191, 0.2562

Protanopia

32.3647, 0.2558, 0.2511

Deuteranopia

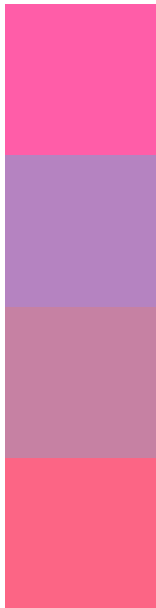
32.0323, 0.3186, 0.3129



Tritanopia

32.0096, 0.4830, 0.3227

Trichromacy



Original Color

31.9159, 0.4191, 0.2562

Protanomaly

29.9066, 0.3041, 0.2472

Deuteranomaly

30.3506, 0.3541, 0.2847

Tritanomaly

31.6963, 0.4606, 0.2978

Monochromacy



Original Color

31.9159, 0.4191, 0.2562

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

28.8262, 0.3498, 0.2908

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9159, 0.4191, 0.2562 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, 93, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 168)  
}
```

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, 93, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 168) }
```

Border

The CSS property to change the border of an element to Yxy 31.9159, 0.4191, 0.2562 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, 93, 168) }
```

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

```
.border{ border-color:rgb(255, 93, 168) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9159, 0.4191, 0.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 168) }
```

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

```
.background{ background-color: rgb(255, 93,  
168) }
```

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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