

Converting Colors

$Y_{xy}(36.3157, 0.4291, 0.2917)$

Have a look what the booklet for
Yxy(36.3157, 0.4291, 0.2917)
contains.

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Color

Yxy(36.3157, 0.4291, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	FF759A
RGB	255, 117, 154
RGB Percent	100%, 46%, 60%
CMY	0.0002, 0.5410, 0.3961
CMYK	0.00, 0.54, 0.40, 0.00
HSL	344°, 100%, 73%
HSV	344°, 54%, 100%
XYZ	53.4216, 36.3157, 34.7595
YIQ	162.4800, 70.3710, 40.7630

Conversions

Conversions Part 2

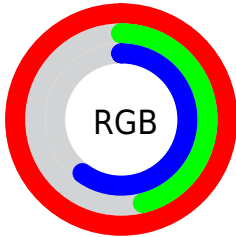
Format	Color
R _Y B	255, 117, 154
Decimal	16741786
CIE Lab	66.76, 55.91, 6.00
CIE LCh	67, 56.227, 6.127
Yxy	36.3157, 0.4291, 0.2917
Android (android.graphics.Color)	4294931866 (0xFFFF759A)
YUV	162.4800, -4.1806, 81.1400
Hunter-Lab	60.2625, 52.7774, 7.9852

Details

The Yxy color **36.3157, 0.4291, 0.2917** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.3408, 0.2593, 0.3737**, and the grayscale version is **36.3686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7012, 0.3554, 0.2930**, and **15.7861, 0.4655, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **30.5866, 0.4646, 0.2876**, and if you desaturate by 10%, it is **43.7629, 0.3979, 0.2978**.

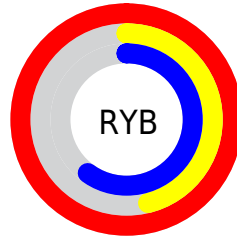
Distribution



Red (100%)

Green (46%)

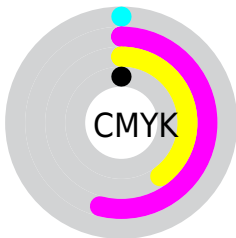
Blue (60%)



Red (100%)

Yellow (46%)

Blue (60%)

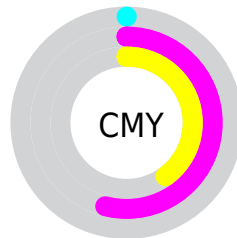


Cyan (0%)

Magenta (54%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3157, 0.4291, 0.2917 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 36.3157, 0.4291, 0.2917 by changing the saturation by 10% instead.


 36.3157, 0.4291,
0.2917


 36.3157, 0.4291,
0.2917


330.3383, 0.3685,
0.3120

 24.6781, 0.4449,
0.2861


 69.5191, 0.4065,
0.2994

 15.8374, 0.4655,
0.2787


 91.8536, 0.3982,
0.3022

 9.4092, 0.4934,
0.2684


 118.5226, 0.3913,
0.3046

 5.0090, 0.5330,
0.2533

149.9105, 0.3853,
0.3065

 2.2526, 0.5926,
0.2292

186.4016, 0.3802,
0.3082

 0.7484, 0.7083,
0.1909

228.3804, 0.3758,


 0.0000, 1.0000,


0.3096

0.0000


276.2311, 0.3719,
0.3109


 0.0000, 0.0000,
0.0000


 36.3157, 0.4291,
0.2917

 36.3157, 0.4291,
0.2917


 30.5866, 0.4646,
0.2876


 43.7629, 0.3979,
0.2978

 26.4308, 0.5030,
0.2867


 53.0462, 0.3716,
0.3048


 23.6890, 0.5411,
0.2900

 64.2799, 0.3499,
0.3122

 22.1646, 0.5750,
0.2977

 77.5672, 0.3322,
0.3194

 21.6729, 0.5919,
0.3035

 93.0039, 0.3178,
0.3263

99.9920, 0.3127,
0.3290

Harmonies

Analogous

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



36.3157, 0.3455, 0.2427



36.3157, 0.4291, 0.2917



36.3157, 0.4771, 0.3504

Triad

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



36.3157, 0.4291, 0.2917



36.3157, 0.3453, 0.4868



36.3157, 0.1725, 0.2212

Complementary

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



36.3157, 0.4291, 0.2917



80.3408, 0.2593, 0.3737

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.



36.3157, 0.1722, 0.2725



36.3157, 0.4291, 0.2917



36.3157, 0.2657, 0.4459

Square

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



36.3157, 0.4291, 0.2917



36.3157, 0.4205, 0.4655



36.3157, 0.2034, 0.3569



36.3157, 0.2025, 0.2026

Rectangle

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



36.3157, 0.4291, 0.2917



36.3157, 0.4789, 0.3913



36.3157, 0.2034, 0.3569



36.3157, 0.1691, 0.2344

Sweetspot

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



36.3176, 0.4291, 0.2917



74.8977, 0.3353, 0.3181



34.5313, 0.2838, 0.1860



15.4265, 0.3388, 0.3166



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.



36.3176, 0.4291, 0.2917



30.1579, 0.4681, 0.2874



43.3817, 0.4550, 0.3598



18.0670, 0.3252, 0.3227



11.3498, 0.5878, 0.3012



1.1223, 0.5560, 0.2837

Inverse Universe

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



36.3176, 0.4291, 0.2917



30.1579, 0.4681, 0.2874



64.8941, 0.2362, 0.2929



18.0670, 0.3252, 0.3227



11.3498, 0.5878, 0.3012



1.1223, 0.5560, 0.2837

Previews

White Background



This preview shows how the Yxy color 36.3157, 0.4291, 0.2917 looks on a white background.

Color Contrast Check

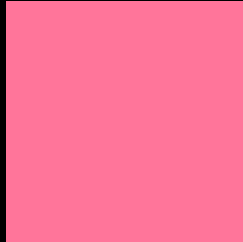
Large Text (above 18pt) WCAG AA × Fail

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 36.3157, 0.4291, 0.2917 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 36.3157, 0.4291, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 36.3157, 0.4291, 0.2917.



This preview shows how white text looks on a background with the Yxy color 36.3157, 0.4291, 0.2917.

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

36.3157, 0.4291, 0.2917

Protanopia

36.7130, 0.2965, 0.3035

Deuteranopia

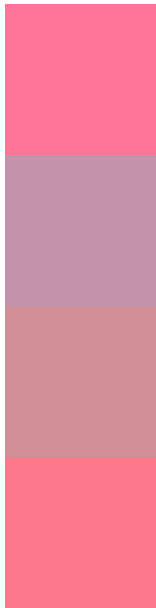
36.4424, 0.3483, 0.3415



Tritanopia

36.1691, 0.4549, 0.3203

Trichromacy



Original Color

36.3157, 0.4291, 0.2917

Protanomaly

35.1001, 0.3389, 0.2964

Deuteranomaly

35.2496, 0.3780, 0.3191

Tritanomaly

36.3679, 0.4454, 0.3100

Monochromacy



Original Color

36.3157, 0.4291, 0.2917

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.7967, 0.3523, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3157, 0.4291, 0.2917 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, 117, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 154)  
}
```

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, 117, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 154) }
```

Border

The CSS property to change the border of an element to Yxy 36.3157, 0.4291, 0.2917 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, 117, 154) }
```

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

```
.border{ border-color:rgb(255, 117, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3157, 0.4291, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 154) }
```

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

```
.background{ background-color: rgb(255,  
117, 154) }
```

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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