

Converting Colors

$Y_{xy}(73.4277, 0.5175, 0.3011)$

Have a look what the booklet for
Yxy(73.4277, 0.5175, 0.3011)
contains.

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Color

Yxy(36.3115, 0.4137, 0.2764)

Conversions

Conversions Part 1

Format	Color
Hex	FF73A7
RGB	255, 115, 167
RGB Percent	100%, 45%, 65%
CMY	0.0000, 0.5490, 0.3450
CMYK	0.00, 0.55, 0.35, 0.00
HSL	338°, 100%, 73%
HSV	338°, 55%, 100%
XYZ	54.3490, 36.3115, 40.7125
YIQ	162.7880, 66.7480, 45.8520

Conversions

Conversions Part 2

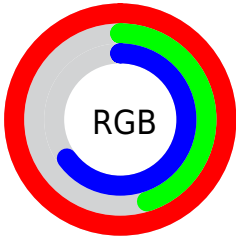
Format	Color
R _Y B	255, 115, 167
Decimal	16741287
CIE Lab	66.76, 58.29, -1.40
CIE LCh	67, 58.311, 358.624
Yxy	36.3115, 0.4137, 0.2764
Android (android.graphics.Color)	4294931367 (0xFFFF73A7)
YUV	162.7880, 2.0765, 80.8699
Hunter-Lab	60.2590, 55.5400, 2.1235

Details

The Yxy color **36.3115, 0.4137, 0.2764** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.4756, 0.2653, 0.3933**, and the grayscale version is **36.4873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6597, 0.3435, 0.2771**, and **15.8660, 0.4457, 0.2608** is the 20% darker color. If you saturate the color by 10%, you get **30.7223, 0.4436, 0.2702**, and if you desaturate by 10%, it is **43.5832, 0.3874, 0.2850**.

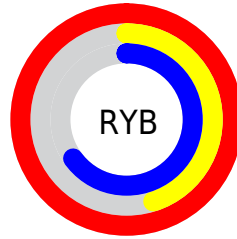
Distribution



Red (100%)

Green (45%)

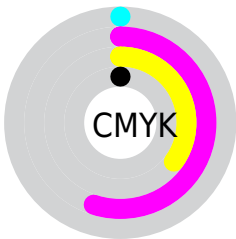
Blue (65%)



Red (100%)

Yellow (45%)

Blue (65%)

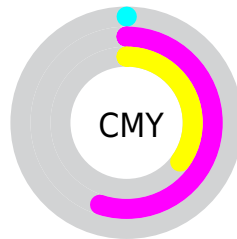


Cyan (0%)

Magenta (55%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.3115, 0.4137, 0.2764 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 36.3115, 0.4137, 0.2764 by changing the saturation by 10% instead.


 36.3115, 0.4137,
0.2764


 36.3115, 0.4137,
0.2764

330.3200, 0.3615,
0.3034


 24.6749, 0.4272,
0.2695


 69.5126, 0.3944,
0.2864

 15.8350, 0.4447,
0.2605


 91.8458, 0.3873,
0.2901

 9.4075, 0.4683,
0.2485


 118.5134, 0.3813,
0.2932

 5.0079, 0.5018,
0.2315

149.8997, 0.3761,
0.2958

 2.2519, 0.5524,
0.2061

186.3891, 0.3717,
0.2981

 0.7481, 0.6365,
0.1637

228.3660, 0.3679,


 0.0000, 1.0000,


0.3001

0.0000


276.2149, 0.3645,
0.3019


 0.0000, 0.0000,
0.0000

 36.3115, 0.4137,
0.2764


 36.3115, 0.4137,
0.2764


 30.7223, 0.4436,
0.2702


 43.5832, 0.3874,
0.2850


 26.6751, 0.4760,
0.2676


 52.6590, 0.3649,
0.2948

 24.0089, 0.5089,
0.2699

 63.6509, 0.3462,
0.3049

 22.5255, 0.5397,
0.2774

 76.6617, 0.3307,
0.3150

 22.0817, 0.5542,
0.2827

 91.7863, 0.3180,
0.3245

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.



36.3115, 0.3234, 0.2300



36.3115, 0.4137, 0.2764



36.3115, 0.4757, 0.3347

Triad

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



36.3115, 0.4137, 0.2764



36.3115, 0.3664, 0.4923



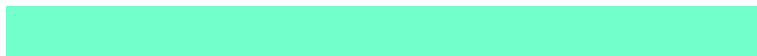
36.3115, 0.1654, 0.2273

Complementary

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



36.3115, 0.4137, 0.2764



79.4756, 0.2653, 0.3933

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.



36.3115, 0.1727, 0.2891



36.3115, 0.4137, 0.2764



36.3115, 0.2834, 0.4680

Square

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



36.3115, 0.4137, 0.2764



36.3115, 0.4397, 0.4573



36.3115, 0.2129, 0.3826



36.3115, 0.1885, 0.2007

Rectangle

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



36.3115, 0.4137, 0.2764



36.3115, 0.4868, 0.3765



36.3115, 0.2129, 0.3826



36.3115, 0.1644, 0.2437

Sweetspot

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



36.3121, 0.4137, 0.2764



75.1317, 0.3323, 0.3139



31.9451, 0.2709, 0.1789



15.4818, 0.3353, 0.3118



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.



36.3121, 0.4137, 0.2764



30.2054, 0.4470, 0.2697



38.8199, 0.4676, 0.3458



18.0987, 0.3236, 0.3202



11.5645, 0.5499, 0.2803



1.1463, 0.5188, 0.2632

Inverse Universe

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



36.3121, 0.4137, 0.2764



30.2054, 0.4470, 0.2697



72.4028, 0.2389, 0.3095



18.0987, 0.3236, 0.3202



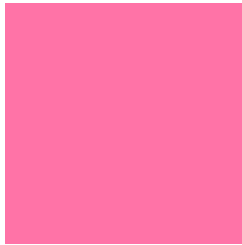
11.5645, 0.5499, 0.2803



1.1463, 0.5188, 0.2632

Previews

White Background



This preview shows how the Yxy color 36.3115, 0.4137, 0.2764 looks on a white background.

Color Contrast Check

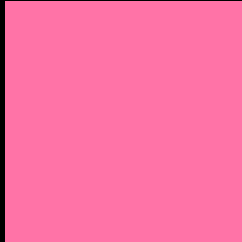
Large Text (above 18pt) WCAG AA × Fail

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 36.3115, 0.4137, 0.2764 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 36.3115, 0.4137, 0.2764

Background



This preview shows how black text looks on a background with the Yxy color 36.3115, 0.4137, 0.2764.



This preview shows how white text looks on a background with the Yxy color 36.3115, 0.4137, 0.2764.

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

36.3115, 0.4137, 0.2764

Protanopia

36.4438, 0.2786, 0.2803

Deuteranopia

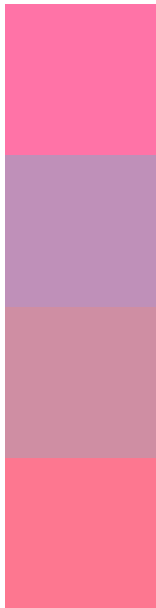
36.2357, 0.3317, 0.3249



Tritanopia

36.2532, 0.4522, 0.3202

Trichromacy



Original Color

36.3115, 0.4137, 0.2764

Protanomaly

34.5257, 0.3213, 0.2758

Deuteranomaly

35.2557, 0.3606, 0.3026

Tritanomaly

36.0899, 0.4388, 0.3037

Monochromacy



Original Color

36.3115, 0.4137, 0.2764

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

34.9739, 0.3471, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3115, 0.4137, 0.2764 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, 115, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 167)  
}
```

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, 115, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 167) }
```

Border

The CSS property to change the border of an element to Yxy 36.3115, 0.4137, 0.2764 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, 115, 167) }
```

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

```
.border{ border-color:rgb(255, 115, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3115, 0.4137, 0.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 167) }
```

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

```
.background{ background-color: rgb(255,  
115, 167) }
```

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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