

Converting Colors

$Y_{xy}(40.8054, 0.4604, 0.2994)$

Have a look what the booklet for
Yxy(40.8054, 0.4604, 0.2994)
contains.

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Color

Yxy(35.6596, 0.4375, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	FF7394
RGB	255, 115, 148
RGB Percent	100%, 45%, 58%
CMY	0.0000, 0.5491, 0.4195
CMYK	0.00, 0.55, 0.42, 0.00
HSL	346°, 100%, 73%
HSV	346°, 55%, 100%
XYZ	52.7241, 35.6596, 32.1286
YIQ	160.6220, 72.8470, 39.9430

Conversions

Conversions Part 2

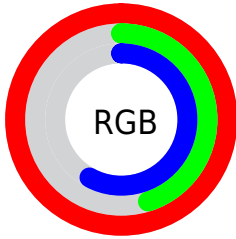
Format	Color
RYB	255, 115, 148
Decimal	16741268
CIELab	66.26, 56.26, 8.68
CIElCh	66, 56.929, 8.766
Yxy	35.6596, 0.4375, 0.2959
Android (android.graphics.Color)	4294931348 (0xFFFF7394)
YUV	160.6220, -6.2226, 82.7695
Hunter-Lab	59.7157, 53.0988, 9.9014

Details

The Yxy color **35.6596, 0.4375, 0.2959** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.4359, 0.2568, 0.3688**, and the grayscale version is **35.4560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6501, 0.3611, 0.2970**, and **15.4791, 0.4759, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **30.0583, 0.4751, 0.2927**, and if you desaturate by 10%, it is **42.9667, 0.4043, 0.3010**.

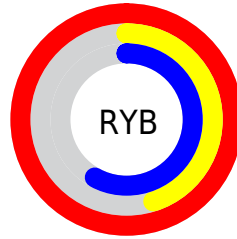
Distribution



Red (100%)

Green (45%)

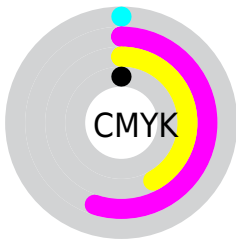
Blue (58%)



Red (100%)

Yellow (45%)

Blue (58%)

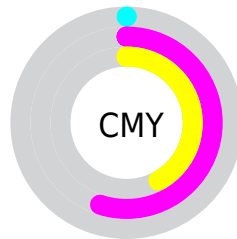


Cyan (0%)

Magenta (55%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6596, 0.4375, 0.2959 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 35.6596, 0.4375, 0.2959 by changing the saturation by 10% instead.


 35.6596, 0.4375,
0.2959


 35.6596, 0.4375,
0.2959

327.4703, 0.3722,
0.3145


 24.1714, 0.4546,
0.2906


 68.5063, 0.4132,
0.3031

 15.4608, 0.4769,
0.2834


 90.6337, 0.4042,
0.3057

 9.1434, 0.5071,
0.2733


 117.0762, 0.3967,
0.3078

 4.8349, 0.5499,
0.2580

148.2183, 0.3903,
0.3096

 2.1507, 0.6142,
0.2332

184.4444, 0.3848,
0.3111

 0.6929, 0.7613,
0.1967

226.1388, 0.3800,

 0.0000, 1.0000,

0.3124


0.0000

273.6859, 0.3759,
0.3135


 0.0000, 0.0000,
0.0000


 35.6596, 0.4375,
0.2959


 35.6596, 0.4375,
0.2959


 30.0583, 0.4751,
0.2927


 42.9667, 0.4043,
0.3010


 26.0303, 0.5153,
0.2926


 52.1141, 0.3763,
0.3072


 23.4083, 0.5543,
0.2964

 63.2124, 0.3532,
0.3137

 21.9907, 0.5877,
0.3042

 76.3662, 0.3343,
0.3201

 21.5880, 0.6018,
0.3089

 91.6724, 0.3191,
0.3262

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.



35.6596, 0.3540, 0.2451



35.6596, 0.4375, 0.2959



35.6596, 0.4817, 0.3558

Triad

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



35.6596, 0.4375, 0.2959



35.6596, 0.3383, 0.4891



35.6596, 0.1719, 0.2165

Complementary

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



35.6596, 0.4375, 0.2959



80.4359, 0.2568, 0.3688

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.



35.6596, 0.1688, 0.2653



35.6596, 0.4375, 0.2959



35.6596, 0.2581, 0.4417

Square

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



35.6596, 0.4375, 0.2959



35.6596, 0.4159, 0.4714



35.6596, 0.1974, 0.3488



35.6596, 0.2049, 0.2005

Rectangle

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



35.6596, 0.4375, 0.2959



35.6596, 0.4801, 0.3974



35.6596, 0.1974, 0.3488



35.6596, 0.1675, 0.2288

Sweetspot

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



35.6567, 0.4375, 0.2959



74.8268, 0.3362, 0.3194



34.6930, 0.2873, 0.1857



15.4097, 0.3399, 0.3181



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.



35.6567, 0.4375, 0.2959



29.5448, 0.4794, 0.2926



44.3064, 0.4550, 0.3650



18.0573, 0.3257, 0.3234



11.2992, 0.5979, 0.3067



1.1162, 0.5668, 0.2896

Inverse Universe

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



35.6567, 0.4375, 0.2959



29.5448, 0.4794, 0.2926



62.0482, 0.2340, 0.2864



18.0573, 0.3257, 0.3234



11.2992, 0.5979, 0.3067



1.1162, 0.5668, 0.2896

Previews

White Background



This preview shows how the Yxy color 35.6596, 0.4375, 0.2959 looks on a white background.

Color Contrast Check

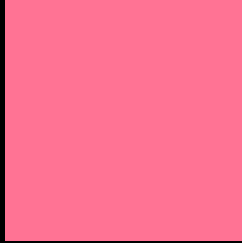
Large Text (above 18pt) WCAG AA × Fail

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 35.6596, 0.4375, 0.2959 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 35.6596, 0.4375, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 35.6596, 0.4375, 0.2959.



This preview shows how white text looks on a background with the Yxy color 35.6596, 0.4375, 0.2959.

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

35.6596, 0.4375, 0.2959

Protanopia

35.7358, 0.3023, 0.3104

Deuteranopia

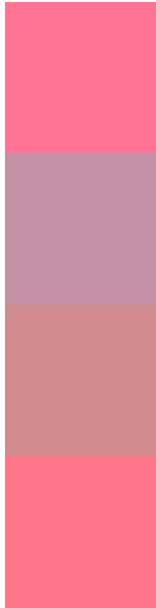
35.5860, 0.3548, 0.3472



Tritanopia

35.6086, 0.4597, 0.3213

Trichromacy



Original Color

35.6596, 0.4375, 0.2959

Protanomaly

34.2290, 0.3465, 0.3027

Deuteranomaly

34.4714, 0.3855, 0.3242

Tritanomaly

35.7770, 0.4513, 0.3122

Monochromacy



Original Color

35.6596, 0.4375, 0.2959

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

33.9489, 0.3550, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6596, 0.4375, 0.2959 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 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, 115, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 148) }
```

Border

The CSS property to change the border of an element to Yxy 35.6596, 0.4375, 0.2959 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, 148) }
```

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

```
.border{ border-color:rgb(255, 115, 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, 115, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6596, 0.4375, 0.2959 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, 148) }
```

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

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