

Converting Colors

$Y_{xy}(37.3908, 0.4494, 0.3183)$

Have a look what the booklet for
Yxy(37.3908, 0.4494, 0.3183)
contains.

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Color

Yxy(37.4246, 0.4491, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	FF7C87
RGB	255, 124, 135
RGB Percent	100%, 49%, 53%
CMY	0.0000, 0.5137, 0.4705
CMYK	0.00, 0.51, 0.47, 0.00
HSL	355°, 100%, 74%
HSV	355°, 51%, 100%
XYZ	52.8202, 37.4246, 27.3686
YIQ	164.4230, 74.5450, 31.1930

Conversions

Conversions Part 2

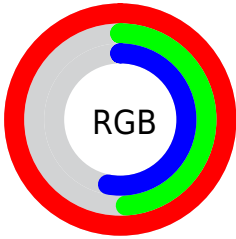
Format	Color
R _Y B	255, 124, 135
Decimal	16743559
CIE Lab	67.59, 50.76, 17.91
CIE LCh	68, 53.824, 19.434
Yxy	37.4246, 0.4491, 0.3182
Android (android.graphics.Color)	4294933639 (0xFFFF7C87)
YUV	164.4230, -14.5055, 79.4360
Hunter-Lab	61.1756, 47.0629, 16.2979

Details

The Yxy color **37.4246, 0.4491, 0.3182** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.3323, 0.2506, 0.3416**, and the grayscale version is **37.3828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1310, 0.3718, 0.3198**, and **16.5055, 0.4921, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **31.2525, 0.4929, 0.3172**, and if you desaturate by 10%, it is **45.3970, 0.4107, 0.3200**.

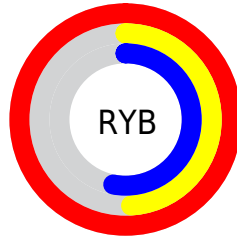
Distribution



Red (100%)

Green (49%)

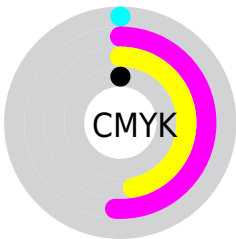
Blue (53%)



Red (100%)

Yellow (49%)

Blue (53%)

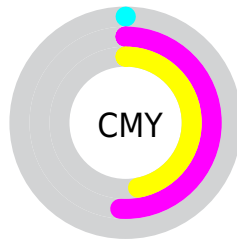


Cyan (0%)

Magenta (51%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4246, 0.4491, 0.3182 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 37.4246, 0.4491, 0.3182 by changing the saturation by 10% instead.

 37.4246, 0.4491,
0.3182


 37.4246, 0.4491,
0.3182


335.1452, 0.3779,
0.3266

 25.5364, 0.4675,
0.3151


 71.2253, 0.4227,
0.3220

 16.4772, 0.4914,
0.3106


 93.9067, 0.4129,
0.3232

 9.8624, 0.5234,
0.3035


 120.9545, 0.4047,
0.3241

 5.3078, 0.5680,
0.2917

152.7533, 0.3978,
0.3248

 2.4290, 0.6330,
0.2703

189.6873, 0.3918,
0.3254

 0.8407, 0.7622,
0.2378

232.1411, 0.3866,


 0.0000, 1.0000,


0.3259


0.0000


280.4989, 0.3820,
0.3262


 0.0000, 0.0000,
0.0000

 37.4246, 0.4491,
0.3182


 37.4246, 0.4491,
0.3182


 31.2525, 0.4929,
0.3172


 45.3970, 0.4107,
0.3200


 26.7351, 0.5391,
0.3175


 55.2887, 0.3786,
0.3221


 23.7141, 0.5823,
0.3194

 67.2154, 0.3525,
0.3244

 21.9974, 0.6156,
0.3229

 81.2820, 0.3315,
0.3266

 21.3145, 0.6331,
0.3261

 97.5861, 0.3147,
0.3287

99.9987, 0.3127,
0.3290

Harmonies

Analogous

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



37.4246, 0.3811, 0.2658



37.4246, 0.4491, 0.3182



37.4246, 0.4727, 0.3766

Triad

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



37.4246, 0.4491, 0.3182



37.4246, 0.3102, 0.4684



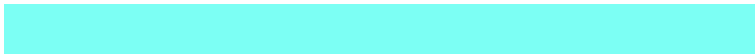
37.4246, 0.1878, 0.2147

Complementary

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



37.4246, 0.4491, 0.3182



82.3323, 0.2506, 0.3416

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.



37.4246, 0.1748, 0.2498



37.4246, 0.4491, 0.3182



37.4246, 0.2389, 0.4048

Square

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



37.4246, 0.4491, 0.3182



37.4246, 0.3863, 0.4735



37.4246, 0.1913, 0.3175



37.4246, 0.2295, 0.2087

Rectangle

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



37.4246, 0.4491, 0.3182



37.4246, 0.4602, 0.4154



37.4246, 0.1913, 0.3175



37.4246, 0.1803, 0.2229

Sweetspot

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



37.4266, 0.4491, 0.3182



75.9224, 0.3386, 0.3258



40.4962, 0.3069, 0.2010



15.6128, 0.3430, 0.3254



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.



37.4266, 0.4491, 0.3182



30.9208, 0.4958, 0.3172



53.9235, 0.4299, 0.3833



18.0118, 0.3281, 0.3270



11.1464, 0.6311, 0.3250



1.0934, 0.6125, 0.3148

Inverse Universe

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



37.4266, 0.4491, 0.3182



30.9208, 0.4958, 0.3172



54.0288, 0.2333, 0.2646



18.0118, 0.3281, 0.3270



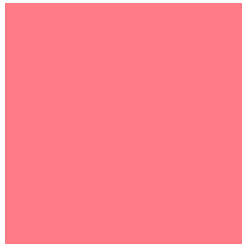
11.1464, 0.6311, 0.3250



1.0934, 0.6125, 0.3148

Previews

White Background



This preview shows how the Yxy color 37.4246, 0.4491, 0.3182 looks on a white background.

Color Contrast Check

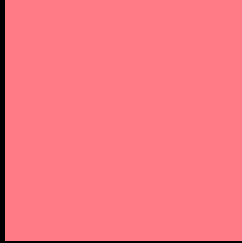
Large Text (above 18pt) WCAG AA × Fail

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 37.4246, 0.4491, 0.3182 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 37.4246, 0.4491, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 37.4246, 0.4491, 0.3182.



This preview shows how white text looks on a background with the Yxy color 37.4246, 0.4491, 0.3182.

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

37.4246, 0.4491, 0.3182

Protanopia

37.4635, 0.3264, 0.3419

Deuteranopia

37.3762, 0.3761, 0.3681



Tritanopia

37.3688, 0.4515, 0.3203

Trichromacy



Original Color

37.4246, 0.4491, 0.3182

Protanomaly

36.0505, 0.3683, 0.3305

Deuteranomaly

36.7954, 0.4035, 0.3477

Tritanomaly

37.3965, 0.4503, 0.3192

Monochromacy



Original Color

37.4246, 0.4491, 0.3182

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.6651, 0.3589, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4246, 0.4491, 0.3182 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, 124, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 135)  
}
```

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, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 135) }
```

Border

The CSS property to change the border of an element to Yxy 37.4246, 0.4491, 0.3182 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, 124, 135) }
```

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

```
.border{ border-color:rgb(255, 124, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4246, 0.4491, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 135) }
```

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

```
.background{ background-color: rgb(255,  
124, 135) }
```

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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