

Converting Colors

$Y_{xy}(39.0831, 0.4526, 0.3183)$

Have a look what the booklet for
Yxy(39.0831, 0.4526, 0.3183)
contains.

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Color

Yxy(37.7334, 0.4462, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	FF7D89
RGB	255, 125, 137
RGB Percent	100%, 49%, 54%
CMY	0.0001, 0.5097, 0.4628
CMYK	0.00, 0.51, 0.46, 0.00
HSL	354°, 100%, 75%
HSV	354°, 51%, 100%
XYZ	53.0790, 37.7334, 28.1454
YIQ	165.2380, 73.6280, 31.2920

Conversions

Conversions Part 2

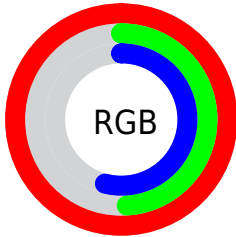
Format	Color
R_{YB}	255, 125, 137
Decimal	16743817
CIE _{Lab}	67.82, 50.44, 17.12
CIE _{LCh}	68, 53.265, 18.749
Y _{xy}	37.7334, 0.4462, 0.3172
Android (android.graphics.Color)	4294933897 (0xFFFF7D89)
Y _{UV}	165.2380, -13.9213, 78.7213
Hunter-Lab	61.4275, 46.7420, 15.8332

Details

The Yxy color **37.7334, 0.4462, 0.3172** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.3338, 0.2514, 0.3427**, and the grayscale version is **37.7922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6202, 0.3698, 0.3187**, and **16.6639, 0.4880, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **31.4907, 0.4895, 0.3161**, and if you desaturate by 10%, it is **45.7792, 0.4084, 0.3192**.

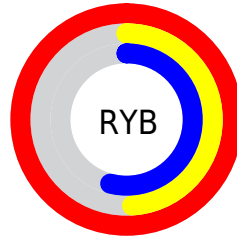
Distribution



Red (100%)

Green (49%)

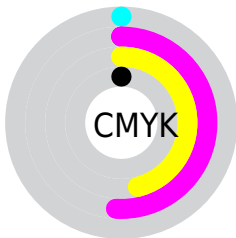
Blue (54%)



Red (100%)

Yellow (49%)

Blue (54%)

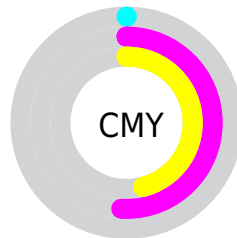


Cyan (0%)

Magenta (51%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.7334, 0.4462, 0.3172 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 37.7334, 0.4462, 0.3172 by changing the saturation by 10% instead.


 37.7334, 0.4462,
0.3172


 37.7334, 0.4462,
0.3172


336.4749, 0.3766,
0.3259


 25.7758, 0.4642,
0.3141


 71.6993, 0.4204,
0.3211

 16.6560, 0.4875,
0.3095


 94.4765, 0.4109,
0.3223

 9.9895, 0.5188,
0.3025


 121.6290, 0.4028,
0.3233

 5.3920, 0.5625,
0.2910

153.5411, 0.3960,
0.3240

 2.4791, 0.6261,
0.2702

190.5974, 0.3902,
0.3246

 0.8661, 0.7592,
0.2408

233.1822, 0.3851,

 0.0000, 1.0000,

0.3251

0.0000

281.6799, 0.3806,
0.3256

 0.0000, 0.0000,
0.0000


 37.7334, 0.4462,
0.3172


 37.7334, 0.4462,
0.3172

 31.4907, 0.4895,
0.3161


 45.7792, 0.4084,
0.3192


 26.9066, 0.5354,
0.3163


 55.7463, 0.3769,
0.3216


 23.8240, 0.5788,
0.3182

 67.7497, 0.3512,
0.3241

 22.0531, 0.6130,
0.3219

 81.8939, 0.3306,
0.3265

 21.3174, 0.6321,
0.3256

 98.2760, 0.3141,
0.3288

99.9937, 0.3127,
0.3290

Harmonies

Analogous

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



37.7334, 0.3784, 0.2655



37.7334, 0.4462, 0.3172



37.7334, 0.4708, 0.3750

Triad

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



37.7334, 0.4462, 0.3172



37.7334, 0.3122, 0.4672



37.7334, 0.1885, 0.2165

Complementary

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



37.7334, 0.4462, 0.3172



82.3338, 0.2514, 0.3427

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.



37.7334, 0.1763, 0.2521



37.7334, 0.4462, 0.3172



37.7334, 0.2413, 0.4056

Square

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



37.7334, 0.4462, 0.3172



37.7334, 0.3872, 0.4712



37.7334, 0.1935, 0.3196



37.7334, 0.2292, 0.2099

Rectangle

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



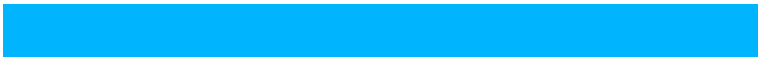
37.7334, 0.4462, 0.3172



37.7334, 0.4593, 0.4134



37.7334, 0.1935, 0.3196



37.7334, 0.1813, 0.2249

Sweetspot

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



37.7354, 0.4462, 0.3172



75.9384, 0.3384, 0.3255



40.7665, 0.3070, 0.2019



15.6166, 0.3428, 0.3250



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.



37.7354, 0.4462, 0.3172



31.4785, 0.4896, 0.3161



54.1826, 0.4286, 0.3829



18.0142, 0.3280, 0.3268



11.1511, 0.6300, 0.3244



1.0945, 0.6100, 0.3134

Inverse Universe

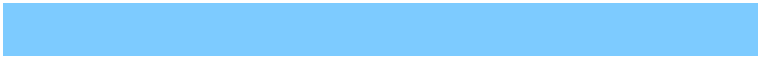
The Inverse Universe completely reimagines the original color for something new.



37.7354, 0.4462, 0.3172



31.4785, 0.4896, 0.3161



54.2895, 0.2338, 0.2652



18.0142, 0.3280, 0.3268



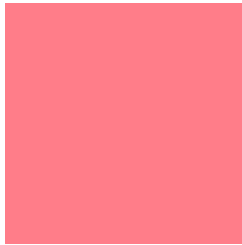
11.1511, 0.6300, 0.3244



1.0945, 0.6100, 0.3134

Previews

White Background



This preview shows how the Yxy color 37.7334, 0.4462, 0.3172 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 37.7334, 0.4462, 0.3172 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 37.7334, 0.4462, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 37.7334, 0.4462, 0.3172.



This preview shows how white text looks on a background with the Yxy color 37.7334, 0.4462, 0.3172.

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

37.7334, 0.4462, 0.3172

Protanopia

38.0025, 0.3254, 0.3404

Deuteranopia

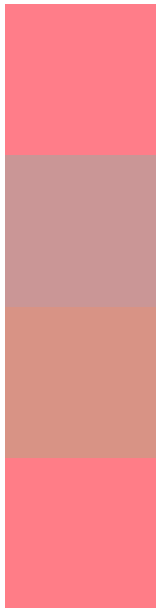
37.7724, 0.3737, 0.3667



Tritanopia

37.6485, 0.4498, 0.3203

Trichromacy



Original Color

37.7334, 0.4462, 0.3172

Protanomaly

36.5713, 0.3669, 0.3292

Deuteranomaly

37.1598, 0.4008, 0.3465

Tritanomaly

37.6765, 0.4486, 0.3192

Monochromacy



Original Color

37.7334, 0.4462, 0.3172

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.1850, 0.3576, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7334, 0.4462, 0.3172 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, 125, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 137)  
}
```

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, 125, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.7334, 0.4462, 0.3172 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, 125, 137) }
```

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

```
.border{ border-color:rgb(255, 125, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7334, 0.4462, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 137) }
```

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

```
.background{ background-color: rgb(255,  
125, 137) }
```

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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