

Converting Colors

$Y_{xy}(37.6192, 0.4416, 0.3169)$

Have a look what the booklet for
Yxy(37.6192, 0.4416, 0.3169)
contains.

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Color

Yxy(37.4521, 0.4417, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	FC7E8A
RGB	252, 126, 138
RGB Percent	99%, 49%, 54%
CMY	0.0117, 0.5059, 0.4587
CMYK	0.00, 0.50, 0.45, 0.01
HSL	354°, 95%, 74%
HSV	354°, 50%, 99%
XYZ	52.2013, 37.4521, 28.5293
YIQ	165.0420, 71.2440, 30.4440

Conversions

Conversions Part 2

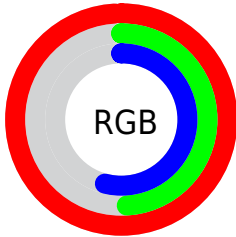
Format	Color
R_{YB}	252, 126, 138
Decimal	16547466
CIE _{Lab}	67.61, 49.06, 16.18
CIE _{LCh}	68, 51.658, 18.258
Yxy	37.4521, 0.4417, 0.3169
Android (android.graphics.Color)	4294737546 (0xFFFC7E8A)
YUV	165.0420, -13.3317, 76.2622
Hunter-Lab	61.1981, 45.1618, 15.1989

Details

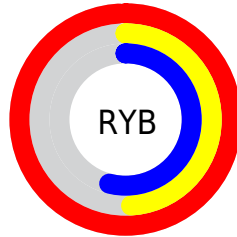
The Yxy color **37.4521, 0.4417, 0.3169** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.3627, 0.2524, 0.3429**, and the grayscale version is **37.6877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0693, 0.3687, 0.3187**, and **16.4157, 0.4820, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **31.2087, 0.4843, 0.3156**, and if you desaturate by 10%, it is **45.4611, 0.4047, 0.3190**.

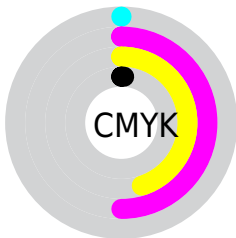
Distribution



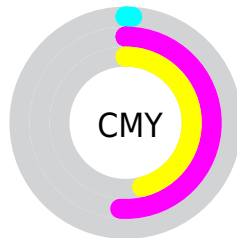
- Red (99%)
- Green (49%)
- Blue (54%)



- Red (99%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (50%)
- Yellow (45%)
- Black (1%)





- Cyan (1%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4521, 0.4417, 0.3169 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 37.4521, 0.4417, 0.3169 by changing the saturation by 10% instead.


 37.4521, 0.4417,
0.3169


 37.4521, 0.4417,
0.3169


335.2637, 0.3744,
0.3256

 25.5577, 0.4592,
0.3139


 71.2676, 0.4167,
0.3207

 16.4931, 0.4819,
0.3094


 93.9575, 0.4075,
0.3219

 9.8737, 0.5124,
0.3026


 121.0146, 0.3997,
0.3229

 5.3153, 0.5553,
0.2914

152.8235, 0.3931,
0.3237

 2.4334, 0.6182,
0.2712

189.7685, 0.3875,
0.3243

 0.8430, 0.7559,
0.2441

232.2339, 0.3825,


 0.0000, 1.0000,


0.3248

0.0000


280.6042, 0.3782,
0.3252


 0.0000, 0.0000,
0.0000

 37.4521, 0.4417,
0.3169


 37.4521, 0.4417,
0.3169

 31.2087, 0.4843,
0.3156


 45.4611, 0.4047,
0.3190


 26.5918, 0.5301,
0.3156

 55.3492, 0.3739,
0.3215


 23.4515, 0.5740,
0.3174

 67.2273, 0.3489,
0.3241

 21.6070, 0.6094,
0.3210

 81.1960, 0.3288,
0.3266

 20.7665, 0.6316,
0.3253

 97.3491, 0.3127,
0.3290

99.4403, 0.3109,
0.3290

Harmonies

Analogous

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



37.4521, 0.3754, 0.2664



37.4521, 0.4417, 0.3169



37.4521, 0.4666, 0.3735

Triad

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



37.4521, 0.4417, 0.3169



37.4521, 0.3138, 0.4635



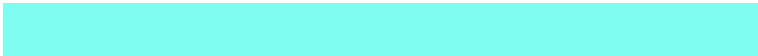
37.4521, 0.1910, 0.2196

Complementary

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



37.4521, 0.4417, 0.3169



80.3627, 0.2524, 0.3429

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.



37.4521, 0.1795, 0.2551



37.4521, 0.4417, 0.3169



37.4521, 0.2443, 0.4046

Square

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



37.4521, 0.4417, 0.3169



37.4521, 0.3868, 0.4671



37.4521, 0.1970, 0.3214



37.4521, 0.2304, 0.2125

Rectangle

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



37.4521, 0.4417, 0.3169



37.4521, 0.4562, 0.4110



37.4521, 0.1970, 0.3214



37.4521, 0.1840, 0.2280

Sweetspot

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



37.4540, 0.4417, 0.3169



75.9455, 0.3383, 0.3254



40.3724, 0.3072, 0.2041



15.6183, 0.3426, 0.3249



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.



37.4540, 0.4417, 0.3169



32.0379, 0.4844, 0.3156



53.4150, 0.4256, 0.3820



17.2521, 0.3279, 0.3268



10.8242, 0.6294, 0.3241



1.0113, 0.6078, 0.3122

Inverse Universe

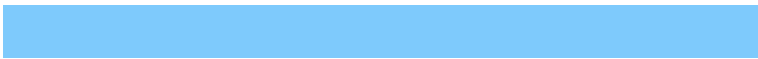
The Inverse Universe completely reimagines the original color for something new.



37.4540, 0.4417, 0.3169



32.0379, 0.4844, 0.3156



53.5229, 0.2352, 0.2667



17.2521, 0.3279, 0.3268



10.8242, 0.6294, 0.3241



1.0113, 0.6078, 0.3122

Previews

White Background



This preview shows how the Yxy color 37.4521, 0.4417, 0.3169 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 37.4521, 0.4417, 0.3169 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 37.4521, 0.4417, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 37.4521, 0.4417, 0.3169.



This preview shows how white text looks on a background with the Yxy color 37.4521, 0.4417, 0.3169.

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

37.4521, 0.4417, 0.3169

Protanopia

37.5656, 0.3237, 0.3375

Deuteranopia

37.6962, 0.3707, 0.3642



Tritanopia

37.3664, 0.4453, 0.3201

Trichromacy



Original Color

37.4521, 0.4417, 0.3169

Protanomaly

36.3264, 0.3638, 0.3278

Deuteranomaly

36.9128, 0.3966, 0.3442

Tritanomaly

37.3947, 0.4441, 0.3190

Monochromacy



Original Color

37.4521, 0.4417, 0.3169

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.3701, 0.3563, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4521, 0.4417, 0.3169 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(252, 126, 138)` looks like.

```
.text, #text, p{  
    color:rgb(252, 126, 138)  
}
```

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(252, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 126, 138) }
```

Border

The CSS property to change the border of an element to Yxy 37.4521, 0.4417, 0.3169 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(252, 126, 138) }
```

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

```
.border{ border-color:rgb(252, 126, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 126, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 126, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 126, 138); box-shadow:4px 4px 4px 4px rgb(252, 126, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4521, 0.4417, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 126, 138) }
```

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

```
.background{ background-color: rgb(252,  
126, 138) }
```

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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