

Converting Colors

$Y_{xy}(37.3506, 0.4415, 0.3193)$

Have a look what the booklet for
Yxy(37.3506, 0.4415, 0.3193)
contains.

Yxy(37.3089, 0.4405, 0.3189)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.3089, 0.4405, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	FA7F89
RGB	250, 127, 137
RGB Percent	98%, 50%, 54%
CMY	0.0195, 0.5020, 0.4628
CMYK	0.00, 0.49, 0.45, 0.02
HSL	355°, 93%, 74%
HSV	355°, 49%, 98%
XYZ	51.5352, 37.3089, 28.1484
YIQ	164.9170, 70.0980, 29.1860

Conversions

Conversions Part 2

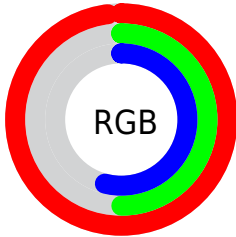
Format	Color
R _Y B	250, 127, 137
Decimal	16416649
CIE Lab	67.51, 47.77, 16.57
CIE LCh	68, 50.561, 19.133
Yxy	37.3089, 0.4405, 0.3189
Android (android.graphics.Color)	4294606729 (0xFFFA7F89)
YUV	164.9170, -13.7631, 74.6178
Hunter-Lab	61.0810, 43.7120, 15.4337

Details

The Yxy color **37.3089, 0.4405, 0.3189** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.1907, 0.2524, 0.3406**, and the grayscale version is **37.6267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4336, 0.3693, 0.3208**, and **16.4004, 0.4818, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **31.0444, 0.4834, 0.3178**, and if you desaturate by 10%, it is **45.3196, 0.4034, 0.3207**.

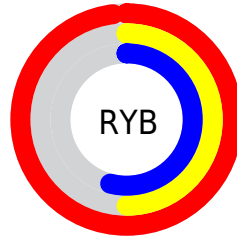
Distribution



Red (98%)

Green (50%)

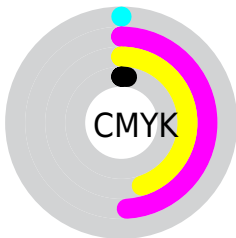
Blue (54%)



Red (98%)

Yellow (50%)

Blue (54%)

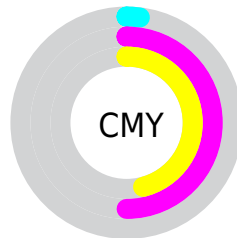


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (2%)



Cyan (2%)


Magenta (50%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3089, 0.4405, 0.3189 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 37.3089, 0.4405, 0.3189 by changing the saturation by 10% instead.


 37.3089, 0.4405,
0.3189


 37.3089, 0.4405,
0.3189

334.6460, 0.3737,
0.3266


 25.4467, 0.4578,
0.3161


 71.0476, 0.4157,
0.3223

 16.4102, 0.4804,
0.3120


 93.6930, 0.4065,
0.3234

 9.8149, 0.5108,
0.3055


 120.7015, 0.3988,
0.3243

 5.2764, 0.5534,
0.2948

152.4577, 0.3923,
0.3249

 2.4103, 0.6162,
0.2751

189.3458, 0.3867,
0.3255

 0.8312, 0.7520,
0.2480

231.7503, 0.3818,


 0.0000, 1.0000,


0.3259


0.0000


280.0555, 0.3775,
0.3263

 0.0000, 0.0000,
0.0000


 37.3089, 0.4405,
0.3189


 37.3089, 0.4405,
0.3189


 31.0444, 0.4834,
0.3178


 45.3196, 0.4034,
0.3207


 26.3906, 0.5295,
0.3178


 55.1872, 0.3726,
0.3228

 23.2014, 0.5739,
0.3193

 67.0203, 0.3476,
0.3250

 21.3019, 0.6098,
0.3223

 80.9171, 0.3276,
0.3272

 20.4300, 0.6321,
0.3261

 96.9697, 0.3116,
0.3292

■ 20.3802, 0.6333,
0.3262

■ 99.0686, 0.3096,
0.3290

Harmonies

Analogous

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



37.3089, 0.3765, 0.2688



37.3089, 0.4405, 0.3189



37.3089, 0.4637, 0.3747

Triad

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



37.3089, 0.4405, 0.3189



37.3089, 0.3118, 0.4595



37.3089, 0.1938, 0.2210

Complementary

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



37.3089, 0.4405, 0.3189



79.1907, 0.2524, 0.3406

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.



37.3089, 0.1816, 0.2552



37.3089, 0.4405, 0.3189



37.3089, 0.2440, 0.4007

Square

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



37.3089, 0.4405, 0.3189



37.3089, 0.3838, 0.4651



37.3089, 0.1981, 0.3195



37.3089, 0.2335, 0.2146

Rectangle

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



37.3089, 0.4405, 0.3189



37.3089, 0.4527, 0.4114



37.3089, 0.1981, 0.3195



37.3089, 0.1866, 0.2291

Sweetspot

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



37.3108, 0.4405, 0.3189



75.9168, 0.3387, 0.3259



40.5654, 0.3091, 0.2066



15.6115, 0.3431, 0.3255



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.



37.3108, 0.4405, 0.3189



32.5509, 0.4827, 0.3178



53.8030, 0.4220, 0.3833



17.2481, 0.3281, 0.3271



10.8160, 0.6314, 0.3252



1.0094, 0.6123, 0.3147

Inverse Universe

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



37.3108, 0.4405, 0.3189



32.5509, 0.4827, 0.3178



52.1518, 0.2359, 0.2652



17.2481, 0.3281, 0.3271



10.8160, 0.6314, 0.3252



1.0094, 0.6123, 0.3147

Previews

White Background



This preview shows how the Yxy color 37.3089, 0.4405, 0.3189 looks on a white background.

Color Contrast Check

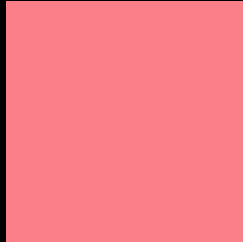
Large Text (above 18pt) WCAG AA × Fail

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 37.3089, 0.4405, 0.3189 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 37.3089, 0.4405, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 37.3089, 0.4405, 0.3189.



This preview shows how white text looks on a background with the Yxy color 37.3089, 0.4405, 0.3189.

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

37.3089, 0.4405, 0.3189

Protanopia

37.4973, 0.3255, 0.3404

Deuteranopia

37.3261, 0.3721, 0.3642



Tritanopia

37.2803, 0.4416, 0.3200

Trichromacy



Original Color

37.3089, 0.4405, 0.3189

Protanomaly

36.4453, 0.3645, 0.3318

Deuteranomaly

36.7348, 0.3967, 0.3455

Tritanomaly

37.2803, 0.4416, 0.3200

Monochromacy



Original Color

37.3089, 0.4405, 0.3189

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.2355, 0.3552, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3089, 0.4405, 0.3189 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(250, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(250, 127, 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(250, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 127, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.3089, 0.4405, 0.3189 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(250, 127, 137) }
```

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

```
.border{ border-color:rgb(250, 127, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(250, 127,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3089, 0.4405, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 127, 137) }
```

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

```
.background{ background-color: rgb(250,  
127, 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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