

Converting Colors

$Y_{xy}(38.0211, 0.4300, 0.3082)$

Have a look what the booklet for
Yxy(38.0211, 0.4300, 0.3082)
contains.

Yxy(37.9808, 0.4305, 0.3085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.9808, 0.4305, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	FC7F93
RGB	252, 127, 147
RGB Percent	99%, 50%, 58%
CMY	0.0117, 0.5019, 0.4236
CMYK	0.00, 0.50, 0.42, 0.01
HSL	350°, 95%, 74%
HSV	350°, 50%, 99%
XYZ	53.0008, 37.9808, 32.1329
YIQ	166.6550, 68.0800, 32.7200

Conversions

Conversions Part 2

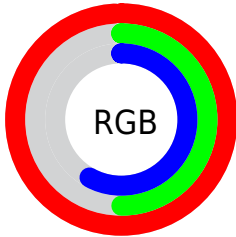
Format	Color
R_{YB}	252, 127, 147
Decimal	16547731
CIE _{Lab}	68.01, 49.45, 11.68
CIE _{LCh}	68, 50.810, 13.293
Yxy	37.9808, 0.4305, 0.3085
Android (android.graphics.Color)	4294737811 (0xFFFC7F93)
YUV	166.6550, -9.6899, 74.8476
Hunter-Lab	61.6286, 45.6606, 12.2264

Details

The Yxy color **37.9808, 0.4305, 0.3085** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.9643, 0.2563, 0.3525**, and the grayscale version is **38.4910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9329, 0.3597, 0.3094**, and **16.8346, 0.4669, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **31.6624, 0.4698, 0.3059**, and if you desaturate by 10%, it is **46.0530, 0.3966, 0.3123**.

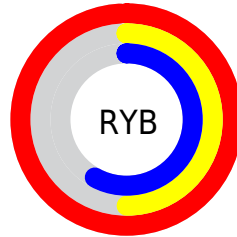
Distribution



Red (99%)

Green (50%)

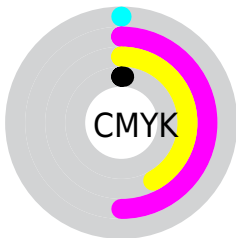
Blue (58%)



Red (99%)

Yellow (50%)

Blue (58%)

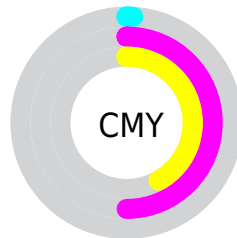


Cyan (0%)

Magenta (50%)

Yellow (42%)

Black (1%)



Cyan (1%)


Magenta (50%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9808, 0.4305, 0.3085 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 37.9808, 0.4305, 0.3085 by changing the saturation by 10% instead.


 37.9808, 0.4305,
0.3085

 37.9808, 0.4305,
0.3085

337.5376, 0.3692,
0.3208

 25.9678, 0.4464,
0.3048


 72.0787, 0.4078,
0.3134

 16.7995, 0.4671,
0.2997


 94.9324, 0.3994,
0.3151

 10.0917, 0.4950,
0.2922


 122.1684, 0.3923,
0.3165

 5.4598, 0.5344,
0.2806

154.1712, 0.3863,
0.3177

 2.5195, 0.5932,
0.2609

191.3251, 0.3811,
0.3186

 0.8864, 0.7244,
0.2361

234.0145, 0.3767,


 0.0000, 1.0000,


0.3194


0.0000


282.6239, 0.3727,
0.3201


 0.0000, 0.0000,
0.0000

 37.9808, 0.4305,
0.3085


 37.9808, 0.4305,
0.3085


 31.6624, 0.4698,
0.3059


 46.0530, 0.3966,
0.3123

 26.9615, 0.5128,
0.3052


 55.9902, 0.3685,
0.3166


 23.7312, 0.5557,
0.3072

 67.9015, 0.3456,
0.3210

 21.7952, 0.5930,
0.3122

 81.8856, 0.3271,
0.3252

 20.8790, 0.6198,
0.3191

 98.0348, 0.3122,
0.3292

■ 20.8514, 0.6207,
0.3193

■ 99.4363, 0.3109,
0.3290

Harmonies

Analogous

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



37.9808, 0.3613, 0.2604



37.9808, 0.4305, 0.3085



37.9808, 0.4628, 0.3637

Triad

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



37.9808, 0.4305, 0.3085



37.9808, 0.3262, 0.4648



37.9808, 0.1893, 0.2254

Complementary

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



37.9808, 0.4305, 0.3085



79.9643, 0.2563, 0.3525

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.



37.9808, 0.1826, 0.2655



37.9808, 0.4305, 0.3085



37.9808, 0.2560, 0.4153

Square

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



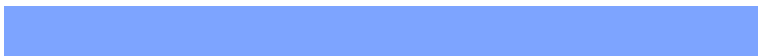
37.9808, 0.4305, 0.3085



37.9808, 0.3965, 0.4603



37.9808, 0.2049, 0.3349



37.9808, 0.2237, 0.2140

Rectangle

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



37.9808, 0.4305, 0.3085



37.9808, 0.4578, 0.4009



37.9808, 0.2049, 0.3349



37.9808, 0.1840, 0.2354

Sweetspot

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



37.9828, 0.4305, 0.3085



76.0772, 0.3366, 0.3229



39.2265, 0.2999, 0.2022



15.6496, 0.3406, 0.3220



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.



37.9828, 0.4305, 0.3085



32.2807, 0.4716, 0.3058



50.4831, 0.4293, 0.3730



17.2704, 0.3269, 0.3252



10.8750, 0.6175, 0.3176



1.0199, 0.5883, 0.3015

Inverse Universe

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



37.9828, 0.4305, 0.3085



32.2807, 0.4716, 0.3058



57.8017, 0.2379, 0.2780



17.2704, 0.3269, 0.3252



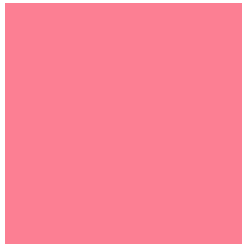
10.8750, 0.6175, 0.3176



1.0199, 0.5883, 0.3015

Previews

White Background



This preview shows how the Yxy color 37.9808, 0.4305, 0.3085 looks on a white background.

Color Contrast Check

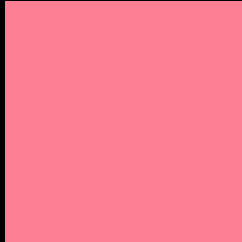
Large Text (above 18pt) WCAG AA × Fail

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 37.9808, 0.4305, 0.3085 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 37.9808, 0.4305, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 37.9808, 0.4305, 0.3085.



This preview shows how white text looks on a background with the Yxy color 37.9808, 0.4305, 0.3085.

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

37.9808, 0.4305, 0.3085

Protanopia

38.1724, 0.3138, 0.3248

Deuteranopia

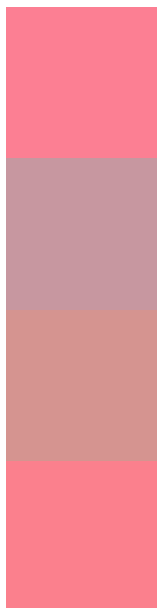
38.1710, 0.3605, 0.3534



Tritanopia

38.0447, 0.4392, 0.3200

Trichromacy



Original Color

37.9808, 0.4305, 0.3085

Protanomaly

36.8134, 0.3532, 0.3174

Deuteranomaly

37.3396, 0.3854, 0.3342

Tritanomaly

37.8707, 0.4362, 0.3158

Monochromacy



Original Color

37.9808, 0.4305, 0.3085

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.0003, 0.3519, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9808, 0.4305, 0.3085 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, 127, 147)` looks like.

```
.text, #text, p{  
    color:rgb(252, 127, 147)  
}
```

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, 127, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 127, 147) }
```

Border

The CSS property to change the border of an element to Yxy 37.9808, 0.4305, 0.3085 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, 127, 147) }
```

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

```
.border{ border-color:rgb(252, 127, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 127, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 127, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 127, 147); box-shadow:4px 4px 4px 4px rgb(252, 127, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9808, 0.4305, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 127, 147) }
```

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

```
.background{ background-color: rgb(252,  
127, 147) }
```

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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