

Converting Colors

$Y_{xy}(37.3465, 0.4502, 0.3401)$

Have a look what the booklet for
Yxy(37.3465, 0.4502, 0.3401)
contains.

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Color

Yxy(37.3201, 0.4503, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	F5847A
RGB	245, 132, 122
RGB Percent	96%, 52%, 48%
CMY	0.0391, 0.4824, 0.5215
CMYK	0.00, 0.46, 0.50, 0.04
HSL	5°, 86%, 72%
HSV	5°, 50%, 96%
XYZ	49.4272, 37.3201, 23.0177
YIQ	164.6470, 70.5580, 20.8460

Conversions

Conversions Part 2

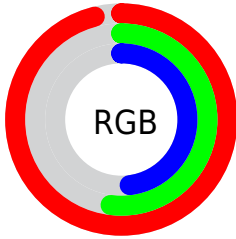
Format	Color
R _Y B	245, 133, 122
Decimal	16090234
CIE Lab	67.52, 42.10, 24.85
CIE LCh	68, 48.884, 30.557
Yxy	37.3201, 0.4503, 0.3400
Android (android.graphics.Color)	4294280314 (0xFFFF5847A)
YUV	164.6470, -21.0250, 70.4696
Hunter-Lab	61.0902, 37.5140, 20.4237

Details

The Yxy color **37.3201, 0.4503, 0.3400** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.1810, 0.2449, 0.3168**, and the grayscale version is **37.5271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8566, 0.3817, 0.3428**, and **16.5326, 0.4930, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **31.3279, 0.4943, 0.3413**, and if you desaturate by 10%, it is **44.7870, 0.4116, 0.3380**.

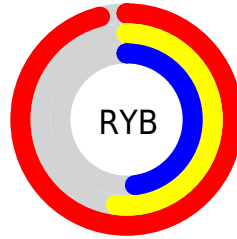
Distribution



Red (96%)

Green (52%)

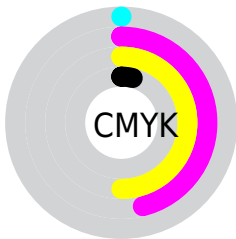
Blue (48%)



Red (96%)

Yellow (52%)

Blue (48%)

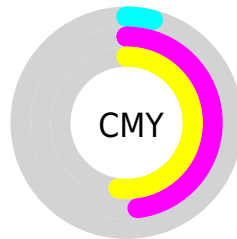


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (4%)



Cyan (4%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3201, 0.4503, 0.3400 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 37.3201, 0.4503, 0.3400 by changing the saturation by 10% instead.


 37.3201, 0.4503,
0.3400


 37.3201, 0.4503,
0.3400


334.6943, 0.3785,
0.3379


 25.4554, 0.4688,
0.3393


 71.0648, 0.4237,
0.3401

 16.4167, 0.4927,
0.3375


 93.7137, 0.4138,
0.3399

 9.8195, 0.5245,
0.3337


 120.7260, 0.4056,
0.3396

 5.2794, 0.5682,
0.3257

152.4863, 0.3985,
0.3393

 2.4121, 0.6393,
0.3123

189.3789, 0.3925,
0.3389

 0.8321, 0.7296,
0.2704

231.7881, 0.3872,


 0.0000, 1.0000,


0.3386

0.0000


280.0985, 0.3826,
0.3382


 0.0000, 0.0000,
0.0000


 37.3201, 0.4503,
0.3400

 37.3201, 0.4503,
0.3400


 31.3279, 0.4943,
0.3413


 44.7870, 0.4116,
0.3380


 26.7072, 0.5405,
0.3415


 53.8113, 0.3790,
0.3357

 23.3508, 0.5835,
0.3401


 64.4764, 0.3522,
0.3334

 21.1330, 0.6166,
0.3371

 76.8581, 0.3306,
0.3311

 19.9117, 0.6354,
0.3337

 91.0275, 0.3130,
0.3290

 98.1565, 0.3066,
0.3290

Harmonies

Analogous

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



37.3201, 0.4012, 0.2881



37.3201, 0.4503, 0.3400



37.3201, 0.4553, 0.3946

Triad

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



37.3201, 0.4503, 0.3400



37.3201, 0.2856, 0.4384



37.3201, 0.2088, 0.2188

Complementary

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



37.3201, 0.4503, 0.3400



70.1810, 0.2449, 0.3168

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.



37.3201, 0.1866, 0.2415



37.3201, 0.4503, 0.3400



37.3201, 0.2261, 0.3686

Square

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



37.3201, 0.4503, 0.3400



37.3201, 0.3562, 0.4645



37.3201, 0.1919, 0.2933



37.3201, 0.2574, 0.2217

Rectangle

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



37.3201, 0.4503, 0.3400



37.3201, 0.4347, 0.4281



37.3201, 0.1919, 0.2933



37.3201, 0.1984, 0.2233

Sweetspot

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



37.3220, 0.4503, 0.3400



77.3643, 0.3405, 0.3322



39.4451, 0.3259, 0.2146



15.9539, 0.3451, 0.3327



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.



37.3220, 0.4503, 0.3400



34.3441, 0.4939, 0.3413



58.3996, 0.4139, 0.4030



16.6982, 0.3292, 0.3310



10.8020, 0.6340, 0.3348



1.0223, 0.6203, 0.3457

Inverse Universe

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



70.1810, 0.2449, 0.3168



73.9075, 0.2357, 0.3141



41.5187, 0.2297, 0.2390



18.5145, 0.2981, 0.3270



32.7018, 0.2176, 0.3034



2.9409, 0.2186, 0.3069

Previews

White Background



This preview shows how the Yxy color 37.3201, 0.4503, 0.3400 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 37.3201, 0.4503, 0.3400 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 37.3201, 0.4503, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 37.3201, 0.4503, 0.3400.



This preview shows how white text looks on a background with the Yxy color 37.3201, 0.4503, 0.3400.

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

37.3201, 0.4503, 0.3400

Protanopia

37.3557, 0.3468, 0.3676

Deuteranopia

37.4738, 0.3909, 0.3835



Tritanopia

37.1574, 0.4332, 0.3186

Trichromacy



Original Color

37.3201, 0.4503, 0.3400

Protanomaly

36.4018, 0.3829, 0.3555

Deuteranomaly

37.1229, 0.4125, 0.3663

Tritanomaly

37.2515, 0.4397, 0.3262

Monochromacy



Original Color

37.3201, 0.4503, 0.3400

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.4217, 0.3587, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3201, 0.4503, 0.3400 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(245, 132, 122)` looks like.

```
.text, #text, p{  
    color:rgb(245, 132, 122)  
}
```

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(245, 132, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 132, 122) }
```

Border

The CSS property to change the border of an element to Yxy 37.3201, 0.4503, 0.3400 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(245, 132, 122) }
```

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

```
.border{ border-color:rgb(245, 132, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 132, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 132, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 132, 122);  
box-shadow:4px 4px 4px 4px rgb(245, 132,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3201, 0.4503, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 132, 122) }
```

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

```
.background{ background-color: rgb(245,  
132, 122) }
```

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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