

Converting Colors

$Yxy(37.5102, 0.4253, 0.3184)$

Have a look what the booklet for
Yxy(37.5102, 0.4253, 0.3184)
contains.

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Color

Yxy(37.5102, 0.4253, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	F3848E
RGB	243, 132, 142
RGB Percent	95%, 52%, 56%
CMY	0.0469, 0.4824, 0.4431
CMYK	0.00, 0.46, 0.42, 0.05
HSL	355°, 82%, 74%
HSV	355°, 46%, 95%
XYZ	50.1039, 37.5102, 30.1943
YIQ	166.3290, 62.9460, 26.6420

Conversions

Conversions Part 2

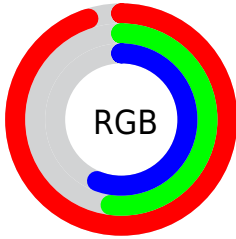
Format	Color
RYB	243, 132, 142
Decimal	15959182
CIELab	67.66, 43.31, 13.82
CIELCh	68, 45.462, 17.692
Yxy	37.5102, 0.4253, 0.3184
Android (android.graphics.Color)	4294149262 (0xFFFF3848E)
YUV	166.3290, -11.9942, 67.2405
Hunter-Lab	61.2456, 38.8479, 13.6417

Details

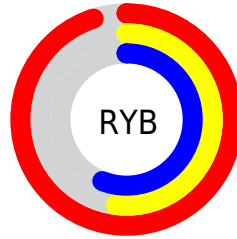
The Yxy color **37.5102, 0.4253, 0.3184** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.9065, 0.2561, 0.3408**, and the grayscale version is **38.3373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7862, 0.3629, 0.3198**, and **16.4320, 0.4602, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **31.0721, 0.4658, 0.3168**, and if you desaturate by 10%, it is **45.6188, 0.3909, 0.3206**.

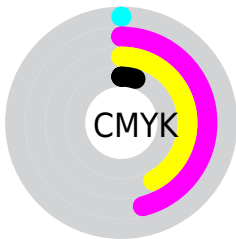
Distribution



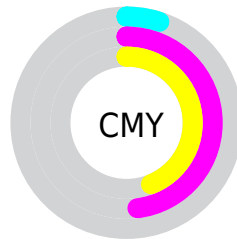
- Red (95%)
- Green (52%)
- Blue (56%)



- Red (95%)
- Yellow (52%)
- Blue (56%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5102, 0.4253, 0.3184 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 37.5102, 0.4253, 0.3184 by changing the saturation by 10% instead.


 37.5102, 0.4253,
0.3184


 37.5102, 0.4253,
0.3184


335.5142, 0.3665,
0.3257


 25.6028, 0.4406,
0.3159


 71.3568, 0.4034,
0.3216

 16.5267, 0.4607,
0.3122


 94.0647, 0.3953,
0.3226

 9.8976, 0.4878,
0.3067


 121.1416, 0.3886,
0.3234

 5.3311, 0.5263,
0.2974

152.9718, 0.3828,
0.3241

 2.4428, 0.5841,
0.2807

189.9398, 0.3779,
0.3246

 0.8478, 0.7334,
0.2666

232.4299, 0.3736,

 0.0000, 1.0000,

0.3250

0.0000

280.8266, 0.3698,
0.3254

0.0000, 0.0000,
0.0000

37.5102, 0.4253,
0.3184

37.5102, 0.4253,
0.3184

31.0721, 0.4658,
0.3168

45.6188, 0.3909,
0.3206

26.1827, 0.5107,
0.3162

55.4971, 0.3626,
0.3230

22.7132, 0.5562,
0.3172


67.2432, 0.3398,
0.3254


20.5111, 0.5961,
0.3199

80.9467, 0.3215,
0.3278

19.3887, 0.6241,
0.3241

96.6909, 0.3068,
0.3299

 19.1175, 0.6321,
0.3256

 97.7998, 0.3054,
0.3290

Harmonies

Analogous

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



37.5102, 0.3669, 0.2725



37.5102, 0.4253, 0.3184



37.5102, 0.4487, 0.3697

Triad

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



37.5102, 0.4253, 0.3184



37.5102, 0.3162, 0.4462



37.5102, 0.2031, 0.2319

Complementary

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



37.5102, 0.4253, 0.3184



74.9065, 0.2561, 0.3408

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.



37.5102, 0.1932, 0.2653



37.5102, 0.4253, 0.3184



37.5102, 0.2538, 0.3961

Square

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



37.5102, 0.4253, 0.3184



37.5102, 0.3811, 0.4508



37.5102, 0.2102, 0.3247



37.5102, 0.2387, 0.2243

Rectangle

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



37.5102, 0.4253, 0.3184



37.5102, 0.4408, 0.4031



37.5102, 0.2102, 0.3247



37.5102, 0.1969, 0.2400

Sweetspot

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



37.5121, 0.4253, 0.3184



77.3817, 0.3365, 0.3258



40.1150, 0.3080, 0.2142



15.9006, 0.3408, 0.3253



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.



37.5121, 0.4253, 0.3184



35.0075, 0.4634, 0.3169



51.9346, 0.4126, 0.3776



16.5068, 0.3279, 0.3269



10.4978, 0.6300, 0.3244



0.9307, 0.6083, 0.3124

Inverse Universe

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



37.5121, 0.4253, 0.3184



35.0075, 0.4634, 0.3169



52.0459, 0.2416, 0.2732



16.5068, 0.3279, 0.3269



10.4978, 0.6300, 0.3244



0.9307, 0.6083, 0.3124

Previews

White Background



This preview shows how the Yxy color 37.5102, 0.4253, 0.3184 looks on a white background.

Color Contrast Check

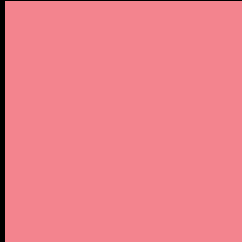
Large Text (above 18pt) WCAG AA × Fail

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 37.5102, 0.4253, 0.3184 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 37.5102, 0.4253, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 37.5102, 0.4253, 0.3184.



This preview shows how white text looks on a background with the Yxy color 37.5102, 0.4253, 0.3184.

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

37.5102, 0.4253, 0.3184

Protanopia

37.9595, 0.3227, 0.3375

Deuteranopia

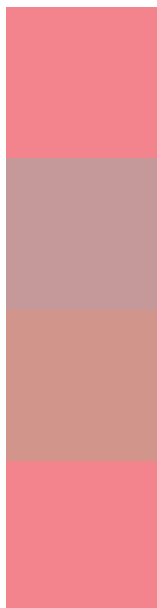
37.6788, 0.3657, 0.3589



Tritanopia

37.5102, 0.4253, 0.3184

Trichromacy



Original Color

37.5102, 0.4253, 0.3184

Protanomaly

36.9527, 0.3578, 0.3291

Deuteranomaly

37.0606, 0.3873, 0.3418

Tritanomaly

37.5102, 0.4253, 0.3184

Monochromacy



Original Color

37.5102, 0.4253, 0.3184

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0149, 0.3504, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5102, 0.4253, 0.3184 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(243, 132, 142)` looks like.

```
.text, #text, p{  
    color:rgb(243, 132, 142)  
}
```

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(243, 132, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 132, 142) }
```

Border

The CSS property to change the border of an element to Yxy 37.5102, 0.4253, 0.3184 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(243, 132, 142) }
```

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

```
.border{ border-color:rgb(243, 132, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 132, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 132, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 132, 142);  
box-shadow:4px 4px 4px 4px rgb(243, 132,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5102, 0.4253, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 132, 142) }
```

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

```
.background{ background-color: rgb(243,  
132, 142) }
```

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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