

Converting Colors

$Y_{xy}(37.8141, 0.4198, 0.3179)$

Have a look what the booklet for
Yxy(37.8141, 0.4198, 0.3179)
contains.

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Color

Yxy(37.7646, 0.4200, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	F18690
RGB	241, 134, 144
RGB Percent	95%, 53%, 56%
CMY	0.0550, 0.4744, 0.4353
CMYK	0.00, 0.44, 0.40, 0.05
HSL	354°, 79%, 74%
HSV	354°, 44%, 95%
XYZ	49.8308, 37.7646, 31.0493
YIQ	167.1330, 60.5620, 25.7940

Conversions

Conversions Part 2

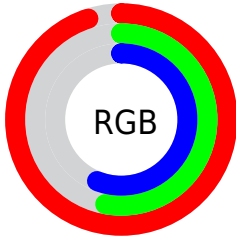
Format	Color
R _Y B	241, 134, 144
Decimal	15828624
CIE Lab	67.85, 41.76, 12.92
CIE LCh	68, 43.716, 17.192
Yxy	37.7646, 0.4200, 0.3183
Android (android.graphics.Color)	4294018704 (0xFFFF18690)
YUV	167.1330, -11.4046, 64.7814
Hunter-Lab	61.4529, 37.1990, 13.0605

Details

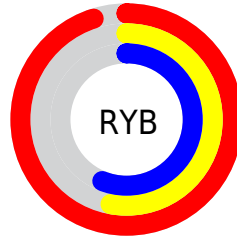
The Yxy color **37.7646, 0.4200, 0.3183** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.7400, 0.2575, 0.3408**, and the grayscale version is **38.7483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7324, 0.3607, 0.3198**, and **16.6381, 0.4541, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **31.2412, 0.4596, 0.3165**, and if you desaturate by 10%, it is **45.9387, 0.3866, 0.3206**.

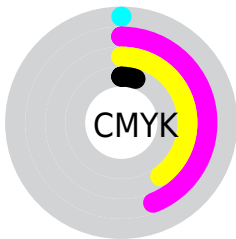
Distribution



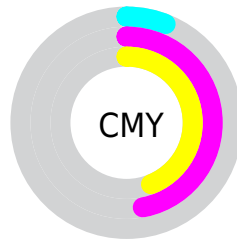
- Red (95%)
- Green (53%)
- Blue (56%)



- Red (95%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (5%)



- Cyan (6%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7646, 0.4200, 0.3183 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 37.7646, 0.4200, 0.3183 by changing the saturation by 10% instead.


 37.7646, 0.4200,
0.3183


 37.7646, 0.4200,
0.3183

336.6091, 0.3640,
0.3255

 25.8000, 0.4346,
0.3159


 71.7472, 0.3992,
0.3214

 16.6741, 0.4537,
0.3124

 94.5340, 0.3915,
0.3224

 10.0024, 0.4796,
0.3071


 121.6970, 0.3850,
0.3232

 5.4006, 0.5163,
0.2985

153.6207, 0.3796,
0.3238

 2.4841, 0.5719,
0.2828

190.6893, 0.3749,
0.3243

 0.8687, 0.7160,
0.2708

233.2873, 0.3708,

 0.0000, 1.0000,

0.3248


0.0000

281.7991, 0.3672,
0.3252

 0.0000, 0.0000,
0.0000


 37.7646, 0.4200,
0.3183

 37.7646, 0.4200,
0.3183


 31.2412, 0.4596,
0.3165


 45.9387, 0.3866,
0.3206


 26.2508, 0.5039,
0.3157


 55.8593, 0.3592,
0.3231


 22.6696, 0.5496,
0.3165

 67.6216, 0.3371,
0.3256

 20.3517, 0.5907,
0.3190

 81.3123, 0.3193,
0.3280

 19.1193, 0.6206,
0.3231

 97.0125, 0.3051,
0.3302

 18.7577, 0.6316,
0.3253

 97.4379, 0.3041,
0.3290

Harmonies

Analogous

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



37.7646, 0.3638, 0.2739



37.7646, 0.4200, 0.3183



37.7646, 0.4433, 0.3680

Triad

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



37.7646, 0.4200, 0.3183



37.7646, 0.3175, 0.4414



37.7646, 0.2066, 0.2358

Complementary

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



37.7646, 0.4200, 0.3183



73.7400, 0.2575, 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.



37.7646, 0.1975, 0.2687



37.7646, 0.4200, 0.3183



37.7646, 0.2572, 0.3943

Square

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



37.7646, 0.4200, 0.3183



37.7646, 0.3798, 0.4457



37.7646, 0.2145, 0.3262



37.7646, 0.2407, 0.2279

Rectangle

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



37.7646, 0.4200, 0.3183



37.7646, 0.4364, 0.4002



37.7646, 0.2145, 0.3262



37.7646, 0.2007, 0.2439

Sweetspot

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



37.7665, 0.4200, 0.3183



78.8561, 0.3344, 0.3260



40.2753, 0.3082, 0.2173



16.1910, 0.3388, 0.3254



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.



37.7665, 0.4200, 0.3183



36.3356, 0.4544, 0.3167



51.7864, 0.4087, 0.3763



15.7828, 0.3279, 0.3268



10.1819, 0.6294, 0.3241



0.8551, 0.6060, 0.3112

Inverse Universe

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



37.7665, 0.4200, 0.3183



36.3356, 0.4544, 0.3167



51.8979, 0.2436, 0.2751



15.7828, 0.3279, 0.3268



10.1819, 0.6294, 0.3241



0.8551, 0.6060, 0.3112

Previews

White Background



This preview shows how the Yxy color 37.7646, 0.4200, 0.3183 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 37.7646, 0.4200, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

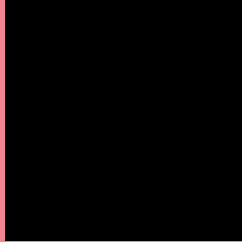
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.7646, 0.4200, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 37.7646, 0.4200, 0.3183.



This preview shows how white text looks on a background with the Yxy color 37.7646, 0.4200, 0.3183.

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

37.7646, 0.4200, 0.3183

Protanopia

37.9944, 0.3218, 0.3361

Deuteranopia

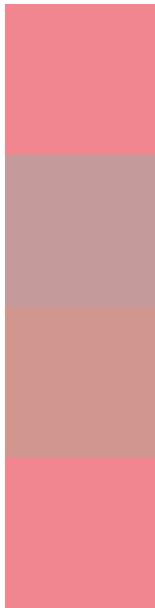
37.7661, 0.3628, 0.3548



Tritanopia

37.7646, 0.4200, 0.3183

Trichromacy



Original Color

37.7646, 0.4200, 0.3183

Protanomaly

37.1801, 0.3554, 0.3291

Deuteranomaly

37.2911, 0.3837, 0.3406

Tritanomaly

37.7646, 0.4200, 0.3183

Monochromacy



Original Color

37.7646, 0.4200, 0.3183

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4152, 0.3482, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7646, 0.4200, 0.3183 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(241, 134, 144)` looks like.

```
.text, #text, p{  
    color:rgb(241, 134, 144)  
}
```

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(241, 134, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 134, 144) }
```

Border

The CSS property to change the border of an element to Yxy 37.7646, 0.4200, 0.3183 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(241, 134, 144) }
```

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

```
.border{ border-color:rgb(241, 134, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 134, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 134, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 134, 144);  
box-shadow:4px 4px 4px 4px rgb(241, 134,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7646, 0.4200, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 134, 144) }
```

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

```
.background{ background-color: rgb(241,  
134, 144) }
```

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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