

Converting Colors

$Y_{xy}(37.2253, 0.4117, 0.3190)$

Have a look what the booklet for
Yxy(37.2253, 0.4117, 0.3190)
contains.

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Color

Yxy(37.3148, 0.4120, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	EB8891
RGB	235, 136, 145
RGB Percent	92%, 53%, 57%
CMY	0.0784, 0.4667, 0.4314
CMYK	0.00, 0.42, 0.38, 0.08
HSL	355°, 71%, 73%
HSV	355°, 42%, 92%
XYZ	48.1783, 37.3148, 31.4445
YIQ	166.6270, 56.1150, 23.7870

Conversions

Conversions Part 2

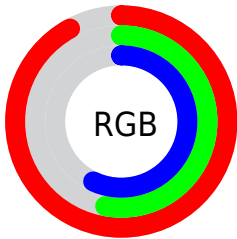
Format	Color
RYB	235, 136, 145
Decimal	15435921
CIELab	67.51, 38.70, 11.79
CIELCh	68, 40.453, 16.944
Yxy	37.3148, 0.4120, 0.3191
Android (android.graphics.Color)	4293626001 (0xFFEB8891)
YUV	166.6270, -10.6621, 59.9631
Hunter-Lab	61.0858, 33.8824, 12.2400

Details

The Yxy color **37.3148, 0.4120, 0.3191** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.1514, 0.2596, 0.3398**, and the grayscale version is **38.4855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6451, 0.3594, 0.3208**, and **16.3970, 0.4424, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **30.8087, 0.4503, 0.3172**, and if you desaturate by 10%, it is **45.3997, 0.3799, 0.3214**.

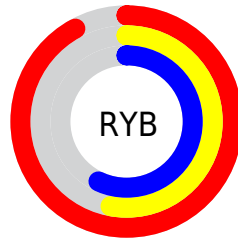
Distribution



Red (92%)

Green (53%)

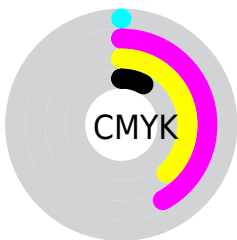
Blue (57%)



Red (92%)

Yellow (53%)

Blue (57%)

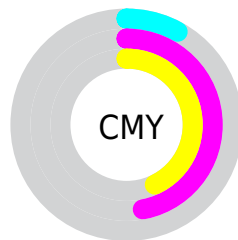


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (8%)



Cyan (8%)


Magenta (47%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3148, 0.4120, 0.3191 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 37.3148, 0.4120, 0.3191 by changing the saturation by 10% instead.


 37.3148, 0.4120,
0.3191


 37.3148, 0.4120,
0.3191


334.6714, 0.3601,
0.3256

 25.4513, 0.4256,
0.3169


 71.0567, 0.3926,
0.3219

 16.4136, 0.4434,
0.3138


 93.7039, 0.3855,
0.3228

 9.8173, 0.4677,
0.3090


 120.7144, 0.3795,
0.3235

 5.2780, 0.5025,
0.3012

152.4727, 0.3745,
0.3241

 2.4113, 0.5557,
0.2868

189.3632, 0.3701,
0.3246

 0.8317, 0.6958,
0.2771

231.7702, 0.3663,

 0.0000, 1.0000,

0.3250

0.0000

280.0782, 0.3630,
0.3253

■ 0.0000, 0.0000,
0.0000

■ 37.3148, 0.4120,
0.3191

■ 37.3148, 0.4120,
0.3191

■ 30.8087, 0.4503,
0.3172

■ 45.3997, 0.3799,
0.3214

■ 25.7730, 0.4938,
0.3162

■ 55.1515, 0.3538,
0.3239

■ 22.0945, 0.5396,
0.3165


■ 66.6582, 0.3327,
0.3263


■ 19.6411, 0.5823,
0.3186

■ 80.0002, 0.3159,
0.3285

■ 18.2541, 0.6153,
0.3223

■ 95.2529, 0.3023,
0.3306

 17.7199, 0.6318,
0.3254

 96.4045, 0.3005,
0.3290

Harmonies

Analogous

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



37.3148, 0.3598, 0.2772



37.3148, 0.4120, 0.3191



37.3148, 0.4341, 0.3659

Triad

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



37.3148, 0.4120, 0.3191



37.3148, 0.3182, 0.4329



37.3148, 0.2131, 0.2421

Complementary

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



37.3148, 0.4120, 0.3191



70.1514, 0.2596, 0.3398

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.



37.3148, 0.2047, 0.2736



37.3148, 0.4120, 0.3191



37.3148, 0.2616, 0.3898

Square

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



37.3148, 0.4120, 0.3191



37.3148, 0.3763, 0.4375



37.3148, 0.2212, 0.3274



37.3148, 0.2451, 0.2342

Rectangle

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



37.3148, 0.4120, 0.3191



37.3148, 0.4283, 0.3960



37.3148, 0.2212, 0.3274



37.3148, 0.2076, 0.2500

Sweetspot

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



37.3167, 0.4120, 0.3191



78.8514, 0.3345, 0.3261



39.6329, 0.3086, 0.2228



16.1898, 0.3389, 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.



37.3167, 0.4120, 0.3191



37.7136, 0.4465, 0.3174



50.3383, 0.4022, 0.3738



15.0762, 0.3279, 0.3269



9.8685, 0.6297, 0.3242



0.7825, 0.6055, 0.3109

Inverse Universe

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



37.3167, 0.4120, 0.3191



37.7136, 0.4465, 0.3174



50.4466, 0.2470, 0.2784



15.0762, 0.3279, 0.3269



9.8685, 0.6297, 0.3242



0.7825, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 37.3148, 0.4120, 0.3191 looks on a white background.

Color Contrast Check

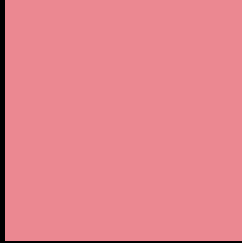
Large Text (above 18pt) WCAG AA × Fail

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 37.3148, 0.4120, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

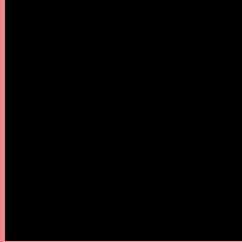
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3148, 0.4120, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 37.3148, 0.4120, 0.3191.



This preview shows how white text looks on a background with the Yxy color 37.3148, 0.4120, 0.3191.

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

37.3148, 0.4120, 0.3191

Protanopia

37.5240, 0.3210, 0.3347

Deuteranopia

37.5382, 0.3598, 0.3536



Tritanopia

37.3458, 0.4108, 0.3179

Trichromacy



Original Color

37.3148, 0.4120, 0.3191

Protanomaly

36.8152, 0.3514, 0.3278

Deuteranomaly

37.2080, 0.3791, 0.3407

Tritanomaly

37.3458, 0.4108, 0.3179

Monochromacy



Original Color

37.3148, 0.4120, 0.3191

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4866, 0.3459, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3148, 0.4120, 0.3191 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(235, 136, 145)` looks like.

```
.text, #text, p{  
    color:rgb(235, 136, 145)  
}
```

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(235, 136, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 136, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.3148, 0.4120, 0.3191 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(235, 136, 145) }
```

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

```
.border{ border-color:rgb(235, 136, 145) }
```

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

Here you see how a box with a 4 pixel rgb(235, 136, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 136, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 136, 145);  
box-shadow:4px 4px 4px 4px rgb(235, 136,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3148, 0.4120, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 136, 145) }
```

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

```
.background{ background-color: rgb(235,  
136, 145) }
```

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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