

Converting Colors

$Y_{xy}(42.4787, 0.3885, 0.3120)$

Have a look what the booklet for
Yxy(42.4787, 0.3885, 0.3120)
contains.

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Color

Yxy(42.3886, 0.3877, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	EE95A5
RGB	238, 149, 165
RGB Percent	93%, 58%, 65%
CMY	0.0668, 0.4156, 0.3530
CMYK	0.00, 0.37, 0.31, 0.07
HSL	349°, 72%, 76%
HSV	349°, 37%, 93%
XYZ	52.7917, 42.3886, 40.9861
YIQ	177.4350, 47.9080, 23.8440

Conversions

Conversions Part 2

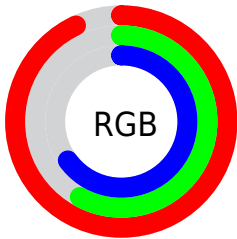
Format	Color
R _Y B	238, 149, 165
Decimal	15635877
CIE Lab	71.14, 35.41, 5.83
CIE LCh	71, 35.886, 9.351
Yxy	42.3886, 0.3877, 0.3113
Android (android.graphics.Color)	4293825957 (0xFFEE95A5)
YUV	177.4350, -6.1305, 53.1155
Hunter-Lab	65.1065, 30.8005, 8.2501

Details

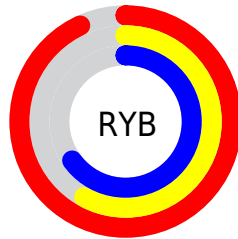
The Yxy color **42.3886, 0.3877, 0.3113** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.8028, 0.2685, 0.3481**, and the grayscale version is **44.2221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6130, 0.3404, 0.3128**, and **19.4449, 0.4105, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **34.9553, 0.4193, 0.3069**, and if you desaturate by 10%, it is **51.4730, 0.3616, 0.3162**.

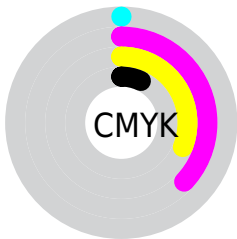
Distribution



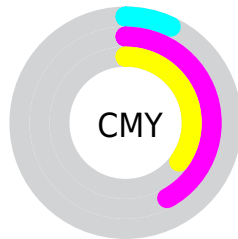
- Red (93%)
- Green (58%)
- Blue (65%)



- Red (93%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (31%)
- Black (7%)





- Cyan (7%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3886, 0.3877, 0.3113 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 42.3886, 0.3877, 0.3113 by changing the saturation by 10% instead.

 42.3886, 0.3877,
0.3113

 42.3886, 0.3877,
0.3113


356.0913, 0.3494,
0.3209

 29.4057, 0.3975,
0.3087


 78.7874, 0.3736,
0.3149

 19.3879, 0.4102,
0.3052


 102.9721, 0.3684,
0.3163

 11.9509, 0.4272,
0.3004


131.6595, 0.3640,
0.3173

 6.7103, 0.4513,
0.2933

165.2341, 0.3602,
0.3183

 3.2816, 0.4878,
0.2818

204.0801, 0.3569,
0.3191

 1.2804, 0.5484,
0.2610

248.5821, 0.3541,


 0.1260, 0.8873,

0.3197


0.1127


299.1244, 0.3516,
0.3203

 0.0000, 0.0000,
0.0000


 42.3886, 0.3877,
0.3113


 42.3886, 0.3877,
0.3113


 34.9553, 0.4193,
0.3069

 51.4730, 0.3616,
0.3162


 29.0678, 0.4563,
0.3034


 62.2932, 0.3404,
0.3211


 24.6181, 0.4975,
0.3019

 74.9357, 0.3232,
0.3257

 21.4817, 0.5401,
0.3031

 89.4791, 0.3094,
0.3301

 19.5128, 0.5791,
0.3075

 96.9133, 0.3023,
0.3290

■ 18.5205, 0.6094,
0.3148

■ 18.3455, 0.6158,
0.3166

Harmonies

Analogous

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



42.3886, 0.3398, 0.2765



42.3886, 0.3877, 0.3113



42.3886, 0.4141, 0.3518

Triad

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



42.3886, 0.3877, 0.3113



42.3886, 0.3314, 0.4205



42.3886, 0.2226, 0.2596

Complementary

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



42.3886, 0.3877, 0.3113



72.8028, 0.2685, 0.3481

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.



42.3886, 0.2209, 0.2926



42.3886, 0.3877, 0.3113



42.3886, 0.2810, 0.3916

Square

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



42.3886, 0.3877, 0.3113



42.3886, 0.3790, 0.4179



42.3886, 0.2413, 0.3417



42.3886, 0.2458, 0.2469

Rectangle

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



42.3886, 0.3877, 0.3113



42.3886, 0.4149, 0.3785



42.3886, 0.2413, 0.3417



42.3886, 0.2196, 0.2684

Sweetspot

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



42.3907, 0.3877, 0.3113



81.9960, 0.3291, 0.3241



43.1506, 0.3028, 0.2325



17.1156, 0.3314, 0.3234



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.



42.3907, 0.3877, 0.3113



42.6567, 0.4118, 0.3078



51.8636, 0.3925, 0.3607



15.8051, 0.3265, 0.3248



10.2505, 0.6126, 0.3148



0.8657, 0.5785, 0.2960

Inverse Universe

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



42.3907, 0.3877, 0.3113



42.6567, 0.4118, 0.3078



58.5618, 0.2556, 0.2945



15.8051, 0.3265, 0.3248



10.2505, 0.6126, 0.3148



0.8657, 0.5785, 0.2960

Previews

White Background



This preview shows how the Yxy color 42.3886, 0.3877, 0.3113 looks on a white background.

Color Contrast Check

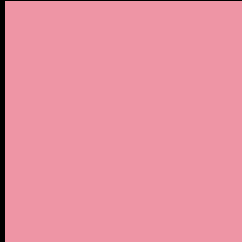
Large Text (above 18pt) WCAG AA × Fail

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 42.3886, 0.3877, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

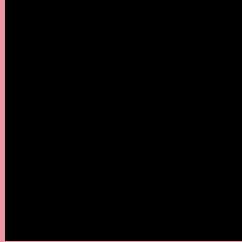
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3886, 0.3877, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 42.3886, 0.3877, 0.3113.



This preview shows how white text looks on a background with the Yxy color 42.3886, 0.3877, 0.3113.

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

42.3886, 0.3877, 0.3113

Protanopia

42.7569, 0.3104, 0.3223

Deuteranopia

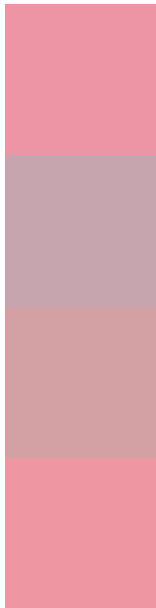
42.3497, 0.3443, 0.3369



Tritanopia

42.5630, 0.3916, 0.3169

Trichromacy



Original Color

42.3886, 0.3877, 0.3113

Protanomaly

42.1084, 0.3368, 0.3176

Deuteranomaly

41.9830, 0.3596, 0.3267

Tritanomaly

42.5985, 0.3905, 0.3157

Monochromacy



Original Color

42.3886, 0.3877, 0.3113

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.7967, 0.3373, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3886, 0.3877, 0.3113 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(238, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(238, 149, 165)  
}
```

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(238, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 149, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.3886, 0.3877, 0.3113 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(238, 149, 165) }
```

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

```
.border{ border-color:rgb(238, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(238, 149,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3886, 0.3877, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 149, 165) }
```

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

```
.background{ background-color: rgb(238,  
149, 165) }
```

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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