

Converting Colors

$Yxy(41.1277, 0.3949, 0.3205)$

Have a look what the booklet for
Yxy(41.1277, 0.3949, 0.3205)
contains.

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Color

Yxy(41.2423, 0.3947, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	EB949C
RGB	235, 148, 156
RGB Percent	92%, 58%, 61%
CMY	0.0784, 0.4196, 0.3881
CMYK	0.00, 0.37, 0.34, 0.08
HSL	354°, 69%, 75%
HSV	354°, 37%, 92%
XYZ	50.8539, 41.2423, 36.7457
YIQ	174.9250, 49.2840, 20.9320

Conversions

Conversions Part 2

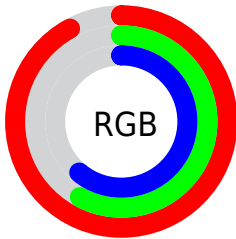
Format	Color
R _Y B	235, 148, 156
Decimal	15439004
CIE _{Lab}	70.35, 33.73, 9.63
CIE _{LCh}	70, 35.081, 15.927
Yxy	41.2423, 0.3947, 0.3201
Android (android.graphics.Color)	4293629084 (0xFFEB949C)
YUV	174.9250, -9.3300, 52.6858
Hunter-Lab	64.2202, 28.9632, 11.0294

Details

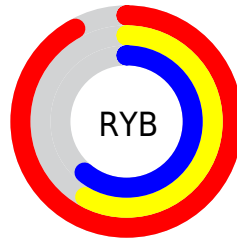
The Yxy color **41.2423, 0.3947, 0.3201** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.2582, 0.2650, 0.3385**, and the grayscale version is **42.8610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6250, 0.3482, 0.3219**, and **18.7328, 0.4195, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **33.9447, 0.4297, 0.3179**, and if you desaturate by 10%, it is **50.1672, 0.3658, 0.3226**.

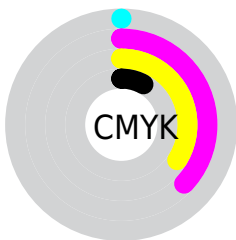
Distribution



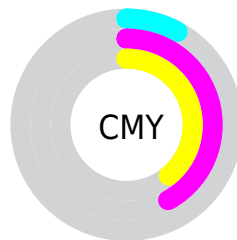
- Red (92%)
- Green (58%)
- Blue (61%)



- Red (92%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (8%)





- Cyan (8%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2423, 0.3947, 0.3201 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 41.2423, 0.3947, 0.3201 by changing the saturation by 10% instead.


 41.2423, 0.3947,
0.3201


 41.2423, 0.3947,
0.3201


351.3323, 0.3525,
0.3256

 28.5085, 0.4056,
0.3184


 77.0516, 0.3791,
0.3223

 18.7093, 0.4197,
0.3160


 100.8958, 0.3733,
0.3231

 11.4604, 0.4387,
0.3125


129.2123, 0.3685,
0.3237

 6.3774, 0.4658,
0.3069

162.3854, 0.3643,
0.3242

 3.0759, 0.5068,
0.2971

200.7996, 0.3608,
0.3247

 1.1715, 0.5819,
0.2806

244.8392, 0.3577,

 0.0382, 0.9574,

0.3250

0.0426

294.8886, 0.3549,
0.3253

0.0000, 0.0000,
0.0000

41.2423, 0.3947,
0.3201

41.2423, 0.3947,
0.3201

33.9447, 0.4297,
0.3179

50.1672, 0.3658,
0.3226

28.1707, 0.4707,
0.3164

60.8031, 0.3424,
0.3250

23.8140, 0.5158,
0.3159

73.2351, 0.3236,
0.3274

20.7520, 0.5609,
0.3171

87.5407, 0.3086,
0.3296

18.8415, 0.5997,
0.3201

96.4024, 0.3005,
0.3290

■ 17.8984, 0.6261,
0.3244

■ 17.7191, 0.6316,
0.3253

Harmonies

Analogous

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



41.2423, 0.3508, 0.2839



41.2423, 0.3947, 0.3201



41.2423, 0.4145, 0.3605

Triad

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



41.2423, 0.3947, 0.3201



41.2423, 0.3200, 0.4155



41.2423, 0.2270, 0.2560

Complementary

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



41.2423, 0.3947, 0.3201



71.2582, 0.2650, 0.3385

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.



41.2423, 0.2206, 0.2844



41.2423, 0.3947, 0.3201



41.2423, 0.2716, 0.3809

Square

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



41.2423, 0.3947, 0.3201



41.2423, 0.3688, 0.4198



41.2423, 0.2360, 0.3302



41.2423, 0.2543, 0.2478

Rectangle

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



41.2423, 0.3947, 0.3201



41.2423, 0.4108, 0.3860



41.2423, 0.2360, 0.3302



41.2423, 0.2224, 0.2633

Sweetspot

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



41.2443, 0.3947, 0.3201



81.8581, 0.3307, 0.3265



43.3964, 0.3093, 0.2353



17.0830, 0.3332, 0.3262



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.



41.2443, 0.3947, 0.3201



43.1499, 0.4192, 0.3185



53.5860, 0.3884, 0.3684



15.0766, 0.3278, 0.3269



9.8694, 0.6295, 0.3241



0.7827, 0.6050, 0.3106

Inverse Universe

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



41.2443, 0.3947, 0.3201



43.1499, 0.4192, 0.3185



53.6965, 0.2548, 0.2856



15.0766, 0.3278, 0.3269



9.8694, 0.6295, 0.3241



0.7827, 0.6050, 0.3106

Previews

White Background



This preview shows how the Yxy color 41.2423, 0.3947, 0.3201 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 41.2423, 0.3947, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

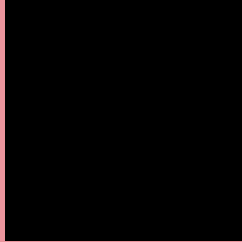
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2423, 0.3947, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 41.2423, 0.3947, 0.3201.



This preview shows how white text looks on a background with the Yxy color 41.2423, 0.3947, 0.3201.

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

41.2423, 0.3947, 0.3201

Protanopia

41.5997, 0.3188, 0.3331

Deuteranopia

41.3081, 0.3532, 0.3461



Tritanopia

41.3452, 0.3915, 0.3167

Trichromacy



Original Color

41.2423, 0.3947, 0.3201

Protanomaly

40.7450, 0.3445, 0.3278

Deuteranomaly

40.8310, 0.3681, 0.3354

Tritanomaly

41.3106, 0.3926, 0.3179

Monochromacy



Original Color

41.2423, 0.3947, 0.3201

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.6077, 0.3404, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2423, 0.3947, 0.3201 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, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(235, 148, 156)  
}
```

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, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 148, 156) }
```

Border

The CSS property to change the border of an element to Yxy 41.2423, 0.3947, 0.3201 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, 148, 156) }
```

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

```
.border{ border-color:rgb(235, 148, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(235, 148,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2423, 0.3947, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 148, 156) }
```

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

```
.background{ background-color: rgb(235,  
148, 156) }
```

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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