

Converting Colors

Yxy(41.3085, 0.4130, 0.3428)

Have a look what the booklet for
Yxy(41.3085, 0.4130, 0.3428)
contains.

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Color

Yxy(41.3098, 0.4130, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	EB968A
RGB	235, 150, 138
RGB Percent	92%, 59%, 54%
CMY	0.0785, 0.4117, 0.4587
CMYK	0.00, 0.36, 0.41, 0.08
HSL	7°, 71%, 73%
HSV	7°, 41%, 92%
XYZ	49.7549, 41.3098, 29.4072
YIQ	174.0470, 54.5120, 14.2880

Conversions

Conversions Part 2

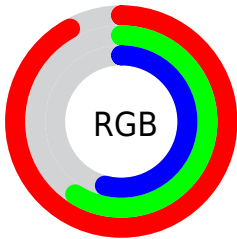
Format	Color
R _Y B	235, 152, 138
Decimal	15439498
CIE Lab	70.39, 30.59, 19.67
CIE LCh	70, 36.366, 32.750
Yxy	41.3098, 0.4130, 0.3429
Android (android.graphics.Color)	4293629578 (0xFFEB968A)
YUV	174.0470, -17.7712, 53.4558
Hunter-Lab	64.2727, 25.7035, 17.8635

Details

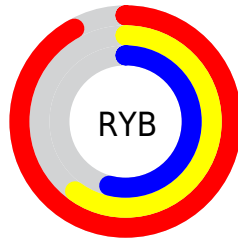
The Yxy color **41.3098, 0.4130, 0.3429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1883, 0.2539, 0.3142**, and the grayscale version is **42.4271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6842, 0.3626, 0.3436**, and **18.7871, 0.4441, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **34.6969, 0.4509, 0.3459**, and if you desaturate by 10%, it is **49.2294, 0.3808, 0.3395**.

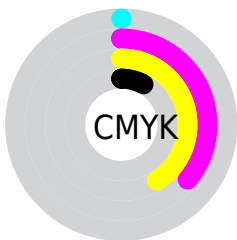
Distribution



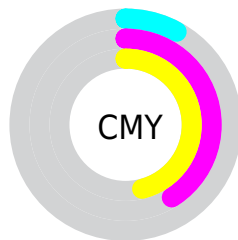
- Red (92%)
- Green (59%)
- Blue (54%)



- Red (92%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (8%)




- Cyan (8%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3098, 0.4130, 0.3429 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 41.3098, 0.4130, 0.3429 by changing the saturation by 10% instead.

 41.3098, 0.4130,
0.3429


 41.3098, 0.4130,
0.3429


351.6138, 0.3613,
0.3378


 28.5612, 0.4262,
0.3435


 77.1540, 0.3939,
0.3415

 18.7492, 0.4433,
0.3440


 101.0183, 0.3869,
0.3408

 11.4892, 0.4663,
0.3438


 129.3568, 0.3809,
0.3402

 6.3969, 0.4983,
0.3421

162.5537, 0.3758,
0.3396

 3.0879, 0.5453,
0.3362

200.9934, 0.3715,
0.3391

 1.1778, 0.6601,
0.3399

245.0604, 0.3677,

 0.0434, 0.9477,

0.3386

0.0523

295.1391, 0.3643,
0.3382

0.0000, 0.0000,
0.0000

41.3098, 0.4130,
0.3429

41.3098, 0.4130,
0.3429

34.6969, 0.4509,
0.3459

49.2294, 0.3808,
0.3395

29.3144, 0.4935,
0.3478

58.5143, 0.3542,
0.3360

25.0878, 0.5383,
0.3481

69.2270, 0.3324,
0.3326

21.9315, 0.5800,
0.3461

81.4244, 0.3147,
0.3294

19.7483, 0.6127,
0.3417

95.1261, 0.3005,
0.3270

■ 18.5410, 0.6310,
0.3372

■ 96.4011, 0.3005,
0.3290

Harmonies

Analogous

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



41.3098, 0.3799, 0.3023



41.3098, 0.4130, 0.3429



41.3098, 0.4158, 0.3837

Triad

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



41.3098, 0.4130, 0.3429



41.3098, 0.2911, 0.4021



41.3098, 0.2374, 0.2463

Complementary

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



41.3098, 0.4130, 0.3429



64.1883, 0.2539, 0.3142

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.



41.3098, 0.2185, 0.2638



41.3098, 0.4130, 0.3429



41.3098, 0.2472, 0.3538

Square

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



41.3098, 0.4130, 0.3429



41.3098, 0.3431, 0.4248



41.3098, 0.2217, 0.3017



41.3098, 0.2762, 0.2490

Rectangle

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



41.3098, 0.4130, 0.3429



41.3098, 0.4009, 0.4065



41.3098, 0.2217, 0.3017



41.3098, 0.2288, 0.2498

Sweetspot

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



41.3118, 0.4130, 0.3429



82.2492, 0.3340, 0.3328



41.2114, 0.3277, 0.2379



17.2250, 0.3367, 0.3333



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.



41.3118, 0.4130, 0.3429



42.5248, 0.4467, 0.3456



59.8049, 0.3900, 0.3953



15.3537, 0.3290, 0.3320



10.4176, 0.6292, 0.3386



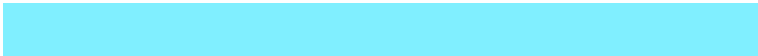
0.9155, 0.6085, 0.3550

Inverse Universe

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



64.1883, 0.2539, 0.3142



73.6512, 0.2437, 0.3104



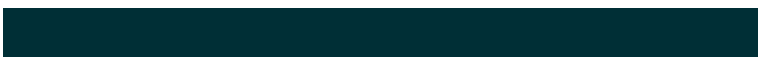
42.1415, 0.2438, 0.2515



16.7858, 0.2981, 0.3260



28.0273, 0.2138, 0.2896



2.2900, 0.2154, 0.2956

Previews

White Background



This preview shows how the Yxy color 41.3098, 0.4130, 0.3429 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 41.3098, 0.4130, 0.3429 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 41.3098, 0.4130, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 41.3098, 0.4130, 0.3429.



This preview shows how white text looks on a background with the Yxy color 41.3098, 0.4130, 0.3429.

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

41.3098, 0.4130, 0.3429

Protanopia

41.4987, 0.3408, 0.3605

Deuteranopia

41.5783, 0.3761, 0.3691



Tritanopia

41.3406, 0.3949, 0.3168

Trichromacy



Original Color

41.3098, 0.4130, 0.3429

Protanomaly

41.0128, 0.3663, 0.3537

Deuteranomaly

41.2153, 0.3896, 0.3589

Tritanomaly

41.2470, 0.4011, 0.3259

Monochromacy



Original Color

41.3098, 0.4130, 0.3429

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2192, 0.3459, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3098, 0.4130, 0.3429 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, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(235, 150, 138)  
}
```

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, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 150, 138) }
```

Border

The CSS property to change the border of an element to Yxy 41.3098, 0.4130, 0.3429 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, 150, 138) }
```

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

```
.border{ border-color:rgb(235, 150, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(235, 150,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3098, 0.4130, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 150, 138) }
```

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

```
.background{ background-color: rgb(235,  
150, 138) }
```

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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