

Converting Colors

$Y_{xy}(39.2509, 0.4107, 0.3244)$

Have a look what the booklet for
Yxy(39.2509, 0.4107, 0.3244)
contains.

Yxy(39.1296, 0.4106, 0.3237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.1296, 0.4106, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	ED8D92
RGB	237, 141, 146
RGB Percent	93%, 55%, 57%
CMY	0.0706, 0.4470, 0.4276
CMYK	0.00, 0.40, 0.38, 0.07
HSL	357°, 73%, 74%
HSV	357°, 40%, 93%
XYZ	49.6343, 39.1296, 32.1184
YIQ	170.2740, 55.6110, 21.9070

Conversions

Conversions Part 2

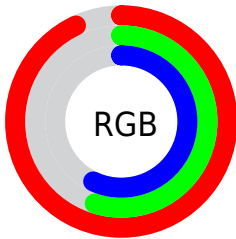
Format	Color
R _Y B	237, 141, 146
Decimal	15568274
CIE Lab	68.85, 36.93, 13.15
CIE LCh	69, 39.200, 19.598
Yxy	39.1296, 0.4106, 0.3237
Android (android.graphics.Color)	4293758354 (0xFFED8D92)
YUV	170.2740, -11.9671, 58.5187
Hunter-Lab	62.5537, 32.1650, 13.3449

Details

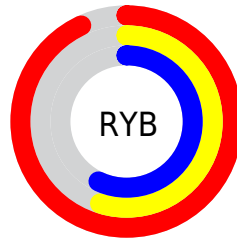
The Yxy color **39.1296, 0.4106, 0.3237** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.0558, 0.2594, 0.3348**, and the grayscale version is **40.3830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9100, 0.3575, 0.3250**, and **17.4543, 0.4398, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **32.2418, 0.4496, 0.3227**, and if you desaturate by 10%, it is **47.6540, 0.3781, 0.3250**.

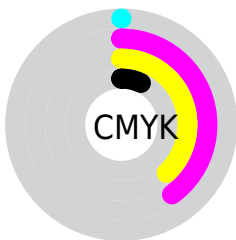
Distribution



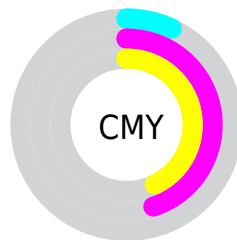
- Red (93%)
- Green (55%)
- Blue (57%)



- Red (93%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (7%)




- Cyan (7%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1296, 0.4106, 0.3237 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 39.1296, 0.4106, 0.3237 by changing the saturation by 10% instead.


 39.1296, 0.4106,
0.3237


 39.1296, 0.4106,
0.3237


342.4412, 0.3598,
0.3279


 26.8606, 0.4238,
0.3221


 73.8363, 0.3917,
0.3256

 17.4685, 0.4410,
0.3198


 97.0427, 0.3848,
0.3262

 10.5691, 0.4643,
0.3161


 124.6637, 0.3789,
0.3267

 5.7779, 0.4974,
0.3098

157.0836, 0.3739,
0.3270

 2.7105, 0.5475,
0.2979

194.6870, 0.3697,
0.3273

 0.9825, 0.6679,
0.2889

237.8581, 0.3659,

 0.0000, 1.0000,

0.3276

0.0000

286.9814, 0.3627,
0.3278

0.0000, 0.0000,
0.0000

39.1296, 0.4106,
0.3237

39.1296, 0.4106,
0.3237

32.2418, 0.4496,
0.3227

47.6540, 0.3781,
0.3250

26.8804, 0.4942,
0.3221

57.9043, 0.3516,
0.3264

22.9309, 0.5412,
0.3223


69.9704, 0.3304,
0.3277

20.2603, 0.5849,
0.3236

83.9340, 0.3135,
0.3289

18.7101, 0.6181,
0.3258

96.7431, 0.3017,
0.3290

 18.0302, 0.6360,
0.3278

Harmonies

Analogous

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



39.1296, 0.3628, 0.2826



39.1296, 0.4106, 0.3237



39.1296, 0.4288, 0.3688

Triad

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



39.1296, 0.4106, 0.3237



39.1296, 0.3132, 0.4254



39.1296, 0.2190, 0.2443

Complementary

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



39.1296, 0.4106, 0.3237



72.0558, 0.2594, 0.3348

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.



39.1296, 0.2089, 0.2727



39.1296, 0.4106, 0.3237



39.1296, 0.2598, 0.3819

Square

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



39.1296, 0.4106, 0.3237



39.1296, 0.3692, 0.4336



39.1296, 0.2228, 0.3226



39.1296, 0.2518, 0.2383

Rectangle

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



39.1296, 0.4106, 0.3237



39.1296, 0.4213, 0.3971



39.1296, 0.2228, 0.3226



39.1296, 0.2130, 0.2512

Sweetspot

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



39.1315, 0.4106, 0.3237



80.2765, 0.3334, 0.3275



42.0893, 0.3117, 0.2276



16.7653, 0.3360, 0.3273



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.



39.1315, 0.4106, 0.3237



39.0305, 0.4442, 0.3228



53.6307, 0.3963, 0.3756



15.0666, 0.3285, 0.3278



9.8503, 0.6345, 0.3269



0.7779, 0.6198, 0.3188

Inverse Universe

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



39.1315, 0.4106, 0.3237



39.0305, 0.4442, 0.3228



50.9884, 0.2488, 0.2765



15.0666, 0.3285, 0.3278



9.8503, 0.6345, 0.3269



0.7779, 0.6198, 0.3188

Previews

White Background



This preview shows how the Yxy color 39.1296, 0.4106, 0.3237 looks on a white background.

Color Contrast Check

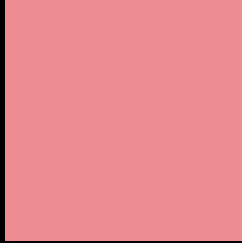
Large Text (above 18pt) WCAG AA × Fail

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 39.1296, 0.4106, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

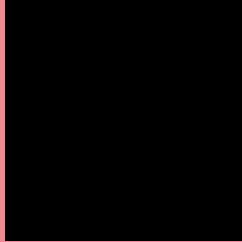
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1296, 0.4106, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 39.1296, 0.4106, 0.3237.



This preview shows how white text looks on a background with the Yxy color 39.1296, 0.4106, 0.3237.

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

39.1296, 0.4106, 0.3237

Protanopia

39.4276, 0.3243, 0.3402

Deuteranopia

39.2630, 0.3629, 0.3557



Tritanopia

38.9951, 0.4054, 0.3169

Trichromacy



Original Color

39.1296, 0.4106, 0.3237



Protanomaly

38.5560, 0.3534, 0.3331



Deuteranomaly

38.7960, 0.3810, 0.3430



Tritanomaly

38.9306, 0.4077, 0.3191

Monochromacy



Original Color

39.1296, 0.4106, 0.3237



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.8388, 0.3453, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1296, 0.4106, 0.3237 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(237, 141, 146)` looks like.

```
.text, #text, p{  
    color:rgb(237, 141, 146)  
}
```

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(237, 141, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 141, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.1296, 0.4106, 0.3237 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(237, 141, 146) }
```

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

```
.border{ border-color:rgb(237, 141, 146) }
```

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

Here you see how a box with a 4 pixel rgb(237, 141, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 141, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 141, 146);  
box-shadow:4px 4px 4px 4px rgb(237, 141,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1296, 0.4106, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 141, 146) }
```

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

```
.background{ background-color: rgb(237,  
141, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor