

Converting Colors

$Yxy(39.3126, 0.4091, 0.3355)$

Have a look what the booklet for
Yxy(39.3126, 0.4091, 0.3355)
contains.

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Color

Yxy(39.4401, 0.4089, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	E7928C
RGB	231, 146, 140
RGB Percent	91%, 57%, 55%
CMY	0.0941, 0.4274, 0.4509
CMYK	0.00, 0.37, 0.39, 0.09
HSL	4°, 65%, 73%
HSV	4°, 39%, 91%
XYZ	47.9686, 39.4401, 29.9027
YIQ	170.7310, 52.5860, 16.1540

Conversions

Conversions Part 2

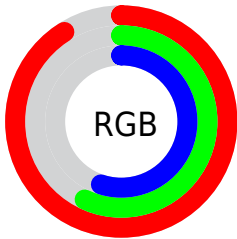
Format	Color
R _Y B	231, 146, 140
Decimal	15176332
CIE Lab	69.07, 31.41, 16.67
CIE LCh	69, 35.559, 27.956
Yxy	39.4401, 0.4089, 0.3362
Android (android.graphics.Color)	4293366412 (0xFFE7928C)
YUV	170.7310, -15.1504, 52.8559
Hunter-Lab	62.8014, 26.4387, 15.7302

Details

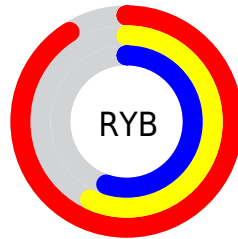
The Yxy color **39.4401, 0.4089, 0.3362** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.2057, 0.2572, 0.3215**, and the grayscale version is **40.6420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9283, 0.3612, 0.3364**, and **17.6278, 0.4391, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **32.7931, 0.4474, 0.3379**, and if you desaturate by 10%, it is **47.4898, 0.3767, 0.3343**.

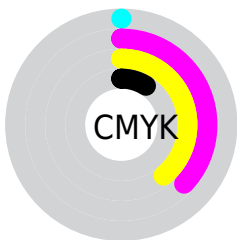
Distribution



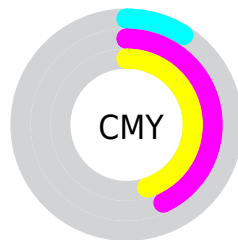
- Red (91%)
- Green (57%)
- Blue (55%)



- Red (91%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (39%)
- Black (9%)



- Cyan (9%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4401, 0.4089, 0.3362 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 39.4401, 0.4089, 0.3362 by changing the saturation by 10% instead.


 39.4401, 0.4089,
0.3362


 39.4401, 0.4089,
0.3362


343.7580, 0.3590,
0.3342


 27.1023, 0.4218,
0.3361


 74.3102, 0.3904,
0.3359

 17.6500, 0.4387,
0.3357


 97.6112, 0.3835,
0.3356

 10.6990, 0.4615,
0.3344

 125.3354, 0.3778,
0.3354

 5.8648, 0.4938,
0.3314

157.8672, 0.3729,
0.3351

 2.7631, 0.5422,
0.3238

195.5909, 0.3687,
0.3349

 1.0093, 0.6714,
0.3286

238.8911, 0.3650,


 0.0000, 1.0000,


0.3346


0.0000


288.1519, 0.3618,
0.3344


 0.0000, 0.0000,
0.0000


 39.4401, 0.4089,
0.3362


 39.4401, 0.4089,
0.3362

 32.7931, 0.4474,
0.3379

 47.4898, 0.3767,
0.3343

 27.4632, 0.4913,
0.3390


 57.0099, 0.3503,
0.3324


 23.3642, 0.5378,
0.3392

 68.0707, 0.3290,
0.3306

 20.3977, 0.5816,
0.3382

 80.7363, 0.3118,
0.3289

 18.4498, 0.6156,
0.3358

 95.0337, 0.2981,
0.3279

■ 17.3782, 0.6354,
0.3330

■ 95.7289, 0.2982,
0.3290

■ 17.3361, 0.6363,
0.3330

Harmonies

Analogous

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



39.4401, 0.3720, 0.2966



39.4401, 0.4089, 0.3362



39.4401, 0.4168, 0.3772

Triad

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



39.4401, 0.4089, 0.3362



39.4401, 0.2993, 0.4073



39.4401, 0.2335, 0.2483

Complementary

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



39.4401, 0.4089, 0.3362



65.2057, 0.2572, 0.3215

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.



39.4401, 0.2181, 0.2689



39.4401, 0.4089, 0.3362



39.4401, 0.2536, 0.3622

Square

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



39.4401, 0.4089, 0.3362



39.4401, 0.3510, 0.4246



39.4401, 0.2249, 0.3096



39.4401, 0.2692, 0.2478

Rectangle

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



39.4401, 0.4089, 0.3362



39.4401, 0.4049, 0.4012



39.4401, 0.2249, 0.3096



39.4401, 0.2260, 0.2528

Sweetspot

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



39.4420, 0.4089, 0.3362



81.2810, 0.3342, 0.3311



41.2667, 0.3213, 0.2362



16.9992, 0.3369, 0.3313



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.



39.4420, 0.4089, 0.3362



42.6684, 0.4387, 0.3375



55.7355, 0.3884, 0.3858



14.5193, 0.3291, 0.3306



9.7809, 0.6351, 0.3339



0.7766, 0.6218, 0.3445

Inverse Universe

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



65.2057, 0.2572, 0.3215



78.9764, 0.2485, 0.3198



44.3786, 0.2484, 0.2640



16.1655, 0.2982, 0.3274



30.7837, 0.2190, 0.3084



2.3240, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 39.4401, 0.4089, 0.3362 looks on a white background.

Color Contrast Check

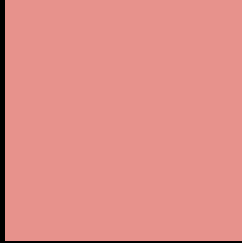
Large Text (above 18pt) WCAG AA × Fail

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 39.4401, 0.4089, 0.3362 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 39.4401, 0.4089, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 39.4401, 0.4089, 0.3362.



This preview shows how white text looks on a background with the Yxy color 39.4401, 0.4089, 0.3362.

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

39.4401, 0.4089, 0.3362

Protanopia

39.4697, 0.3351, 0.3528

Deuteranopia

39.3826, 0.3697, 0.3622



Tritanopia

39.4689, 0.3944, 0.3166

Trichromacy



Original Color

39.4401, 0.4089, 0.3362

Protanomaly

38.9840, 0.3607, 0.3463

Deuteranomaly

39.1672, 0.3843, 0.3519

Tritanomaly

39.6086, 0.3995, 0.3235

Monochromacy



Original Color

39.4401, 0.4089, 0.3362

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7162, 0.3446, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4401, 0.4089, 0.3362 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(231, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(231, 146, 140)  
}
```

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(231, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 146, 140) }
```

Border

The CSS property to change the border of an element to Yxy 39.4401, 0.4089, 0.3362 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(231, 146, 140) }
```

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

```
.border{ border-color:rgb(231, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(231, 146,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4401, 0.4089, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 146, 140) }
```

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

```
.background{ background-color: rgb(231,  
146, 140) }
```

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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