

Converting Colors

$Y_{xy}(37.4059, 0.3905, 0.3099)$

Have a look what the booklet for
Yxy(37.4059, 0.3905, 0.3099)
contains.

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Color

Yxy(37.3595, 0.3911, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	E48B9C
RGB	228, 139, 156
RGB Percent	89%, 55%, 61%
CMY	0.1059, 0.4548, 0.3883
CMYK	0.00, 0.39, 0.32, 0.11
HSL	349°, 62%, 72%
HSV	349°, 39%, 89%
XYZ	47.2246, 37.3595, 36.1641
YIQ	167.5490, 47.5870, 24.1550

Conversions

Conversions Part 2

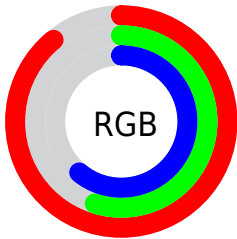
Format	Color
R _Y B	228, 139, 156
Decimal	14977948
CIE Lab	67.55, 35.91, 5.54
CIE LCh	68, 36.330, 8.769
Yxy	37.3595, 0.3911, 0.3094
Android (android.graphics.Color)	4293168028 (0xFFE48B9C)
YUV	167.5490, -5.6937, 53.0155
Hunter-Lab	61.1224, 30.9491, 7.7058

Details

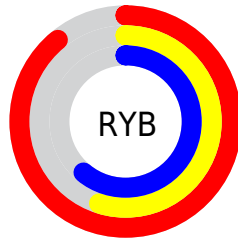
The Yxy color **37.3595, 0.3911, 0.3094** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6768, 0.2675, 0.3503**, and the grayscale version is **38.9372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4967, 0.3498, 0.3127**, and **16.3824, 0.4153, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **30.8541, 0.4229, 0.3048**, and if you desaturate by 10%, it is **45.3401, 0.3646, 0.3145**.

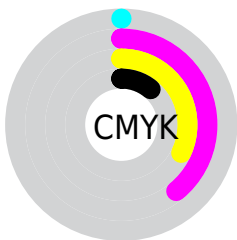
Distribution



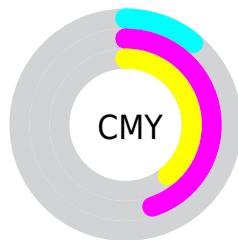
- Red (89%)
- Green (55%)
- Blue (61%)



- Red (89%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3595, 0.3911, 0.3094 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 37.3595, 0.3911, 0.3094 by changing the saturation by 10% instead.


 37.3595, 0.3911,
0.3094


 37.3595, 0.3911,
0.3094


334.8643, 0.3503,
0.3202


 25.4860, 0.4018,
0.3064


 71.1254, 0.3759,
0.3135

 16.4395, 0.4159,
0.3024


 93.7865, 0.3703,
0.3150

 9.8357, 0.4351,
0.2966


 120.8122, 0.3656,
0.3162

 5.2901, 0.4628,
0.2880

152.5870, 0.3616,
0.3173

 2.4185, 0.5060,
0.2737

189.4952, 0.3582,
0.3182

 0.8354, 0.5923,
0.2509

231.9212, 0.3552,


 0.0000, 1.0000,


0.3189


0.0000


280.2495, 0.3526,
0.3196

 0.0000, 0.0000,
0.0000

 37.3595, 0.3911,
0.3094


 37.3595, 0.3911,
0.3094

 30.8541, 0.4229,
0.3048


 45.3401, 0.3646,
0.3145

 25.7281, 0.4600,
0.3013


 54.8734, 0.3430,
0.3197


 21.8826, 0.5011,
0.3000

 66.0377, 0.3256,
0.3248

 19.2033, 0.5429,
0.3016

 78.9046, 0.3115,
0.3294

 17.5555, 0.5808,
0.3066

 93.5413, 0.3001,
0.3338

■ 16.7322, 0.6102,
0.3142

■ 95.2326, 0.2964,
0.3290

■ 16.6705, 0.6126,
0.3149

Harmonies

Analogous

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



37.3595, 0.3401, 0.2732



37.3595, 0.3911, 0.3094



37.3595, 0.4196, 0.3517

Triad

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



37.3595, 0.3911, 0.3094



37.3595, 0.3331, 0.4263



37.3595, 0.2179, 0.2563

Complementary

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



37.3595, 0.3911, 0.3094



65.6768, 0.2675, 0.3503

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.



37.3595, 0.2165, 0.2912



37.3595, 0.3911, 0.3094



37.3595, 0.2801, 0.3962

Square

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



37.3595, 0.3911, 0.3094



37.3595, 0.3831, 0.4223



37.3595, 0.2381, 0.3433



37.3595, 0.2416, 0.2428

Rectangle

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



37.3595, 0.3911, 0.3094



37.3595, 0.4207, 0.3798



37.3595, 0.2381, 0.3433



37.3595, 0.2149, 0.2656

Sweetspot

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



37.3613, 0.3911, 0.3094



80.5129, 0.3305, 0.3233



37.8006, 0.3009, 0.2281



16.8204, 0.3327, 0.3226



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.



37.3613, 0.3911, 0.3094



41.0984, 0.4170, 0.3055



45.5231, 0.3977, 0.3604



14.4127, 0.3263, 0.3245



9.6399, 0.6094, 0.3131



0.7251, 0.5701, 0.2914

Inverse Universe

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



37.3613, 0.3911, 0.3094



41.0984, 0.4170, 0.3055



53.0035, 0.2536, 0.2947



14.4127, 0.3263, 0.3245



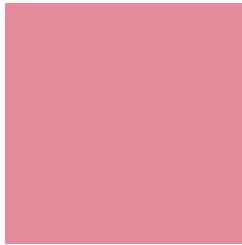
9.6399, 0.6094, 0.3131



0.7251, 0.5701, 0.2914

Previews

White Background



This preview shows how the Yxy color 37.3595, 0.3911, 0.3094 looks on a white background.

Color Contrast Check

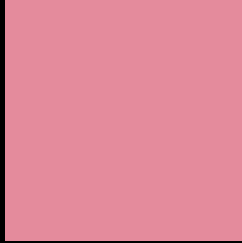
Large Text (above 18pt) WCAG AA × Fail

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 37.3595, 0.3911, 0.3094 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 37.3595, 0.3911, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 37.3595, 0.3911, 0.3094.



This preview shows how white text looks on a background with the Yxy color 37.3595, 0.3911, 0.3094.

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

37.3595, 0.3911, 0.3094

Protanopia

37.5602, 0.3094, 0.3205

Deuteranopia

37.3776, 0.3450, 0.3387



Tritanopia

37.2891, 0.3964, 0.3175

Trichromacy



Original Color

37.3595, 0.3911, 0.3094

Protanomaly

36.9781, 0.3372, 0.3157

Deuteranomaly

37.1739, 0.3622, 0.3278

Tritanomaly

37.3541, 0.3942, 0.3151

Monochromacy



Original Color

37.3595, 0.3911, 0.3094

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.7414, 0.3388, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3595, 0.3911, 0.3094 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(228, 139, 156)` looks like.

```
.text, #text, p{  
    color:rgb(228, 139, 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(228, 139, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 139, 156) }
```

Border

The CSS property to change the border of an element to Yxy 37.3595, 0.3911, 0.3094 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(228, 139, 156) }
```

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

```
.border{ border-color:rgb(228, 139, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 139, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 139, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 139, 156);  
box-shadow:4px 4px 4px 4px rgb(228, 139,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3595, 0.3911, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 139, 156) }
```

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

```
.background{ background-color: rgb(228,  
139, 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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