

Converting Colors

$Y_{xy}(37.3353, 0.3942, 0.3123)$

Have a look what the booklet for
Yxy(37.3353, 0.3942, 0.3123)
contains.

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Color

Yxy(37.2923, 0.3933, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	E48B9A
RGB	228, 139, 154
RGB Percent	89%, 55%, 60%
CMY	0.1060, 0.4548, 0.3960
CMYK	0.00, 0.39, 0.32, 0.11
HSL	350°, 62%, 72%
HSV	350°, 39%, 89%
XYZ	47.0551, 37.2923, 35.2943
YIQ	167.3210, 48.2290, 23.5330

Conversions

Conversions Part 2

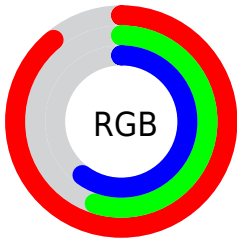
Format	Color
R _Y B	228, 139, 154
Decimal	14977946
CIE Lab	67.50, 35.65, 6.57
CIE LCh	67, 36.247, 10.445
Yxy	37.2923, 0.3933, 0.3117
Android (android.graphics.Color)	4293168026 (0xFFE48B9A)
YUV	167.3210, -6.5673, 53.2155
Hunter-Lab	61.0674, 30.6739, 8.4802

Details

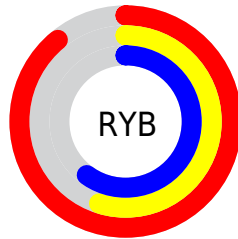
The Yxy color **37.2923, 0.3933, 0.3117** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.7670, 0.2664, 0.3477**, and the grayscale version is **38.8250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3976, 0.3515, 0.3147**, and **16.3417, 0.4187, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **30.7827, 0.4261, 0.3077**, and if you desaturate by 10%, it is **45.2818, 0.3660, 0.3162**.

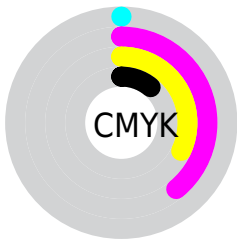
Distribution



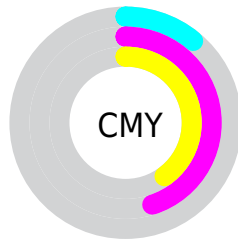
- Red (89%)
- Green (55%)
- Blue (60%)



- Red (89%)
- Yellow (55%)
- Blue (60%)



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




- Cyan (11%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2923, 0.3933, 0.3117 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 37.2923, 0.3933, 0.3117 by changing the saturation by 10% instead.


 37.2923, 0.3933,
0.3117


 37.2923, 0.3933,
0.3117


334.5743, 0.3513,
0.3214

 25.4339, 0.4043,
0.3089


 71.0221, 0.3776,
0.3155

 16.4006, 0.4188,
0.3052


 93.6623, 0.3718,
0.3168

 9.8081, 0.4386,
0.2998


 120.6652, 0.3670,
0.3179

 5.2719, 0.4672,
0.2916

152.4152, 0.3629,
0.3188

 2.4077, 0.5118,
0.2777

189.2968, 0.3594,
0.3196

 0.8298, 0.6051,
0.2572

231.6942, 0.3563,


 0.0000, 1.0000,

0.3203

0.0000

279.9919, 0.3536,
0.3209

 0.0000, 0.0000,
0.0000


 37.2923, 0.3933,
0.3117

 37.2923, 0.3933,
0.3117

 30.7827, 0.4261,
0.3077

 45.2818, 0.3660,
0.3162


 25.6565, 0.4643,
0.3047

 54.8289, 0.3438,
0.3208


 21.8148, 0.5065,
0.3037

 66.0122, 0.3259,
0.3253

 19.1426, 0.5491,
0.3054

 78.9038, 0.3114,
0.3294

 17.5047, 0.5870,
0.3102

 93.5710, 0.2998,
0.3332

■ 16.6935, 0.6155,
0.3171

■ 95.2299, 0.2964,
0.3290

■ 16.6326, 0.6178,
0.3177

Harmonies

Analogous

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



37.2923, 0.3432, 0.2751



37.2923, 0.3933, 0.3117



37.2923, 0.4201, 0.3541

Triad

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



37.2923, 0.3933, 0.3117



37.2923, 0.3301, 0.4253



37.2923, 0.2188, 0.2551

Complementary

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



37.2923, 0.3933, 0.3117



65.7670, 0.2664, 0.3477

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.



37.2923, 0.2161, 0.2888



37.2923, 0.3933, 0.3117



37.2923, 0.2774, 0.3936

Square

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



37.2923, 0.3933, 0.3117



37.2923, 0.3806, 0.4232



37.2923, 0.2364, 0.3401



37.2923, 0.2437, 0.2428

Rectangle

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



37.2923, 0.3933, 0.3117



37.2923, 0.4199, 0.3820



37.2923, 0.2364, 0.3401



37.2923, 0.2153, 0.2640

Sweetspot

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



37.2941, 0.3933, 0.3117



80.4749, 0.3310, 0.3239



38.0183, 0.3023, 0.2285



16.8116, 0.3333, 0.3233



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.



37.2941, 0.3933, 0.3117



41.0081, 0.4200, 0.3083



46.0611, 0.3969, 0.3620



14.4074, 0.3266, 0.3251



9.6184, 0.6148, 0.3161



0.7226, 0.5772, 0.2953

Inverse Universe

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



37.2941, 0.3933, 0.3117



41.0081, 0.4200, 0.3083



52.3093, 0.2533, 0.2928



14.4074, 0.3266, 0.3251



9.6184, 0.6148, 0.3161



0.7226, 0.5772, 0.2953

Previews

White Background



This preview shows how the Yxy color 37.2923, 0.3933, 0.3117 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 37.2923, 0.3933, 0.3117 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 37.2923, 0.3933, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 37.2923, 0.3933, 0.3117.



This preview shows how white text looks on a background with the Yxy color 37.2923, 0.3933, 0.3117.

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

37.2923, 0.3933, 0.3117

Protanopia

37.5936, 0.3120, 0.3233

Deuteranopia

37.4374, 0.3479, 0.3414



Tritanopia

37.4522, 0.3975, 0.3175

Trichromacy



Original Color

37.2923, 0.3933, 0.3117

Protanomaly

36.9059, 0.3392, 0.3184

Deuteranomaly

37.1083, 0.3642, 0.3305

Tritanomaly

37.4845, 0.3963, 0.3164

Monochromacy



Original Color

37.2923, 0.3933, 0.3117

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5414, 0.3398, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2923, 0.3933, 0.3117 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(228, 139, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 139, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.2923, 0.3933, 0.3117 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, 154) }
```

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

```
.border{ border-color:rgb(228, 139, 154) }
```

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, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(228, 139,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2923, 0.3933, 0.3117 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, 154) }
```

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

```
.background{ background-color: rgb(228,  
139, 154) }
```

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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