

Converting Colors

Yxy(44.9177, 0.3842, 0.3169)

Have a look what the booklet for
Yxy(44.9177, 0.3842, 0.3169)
contains.

Yxy(44.9177, 0.3842, 0.3169)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.9177, 0.3842, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	EF9CA7
RGB	239, 156, 167
RGB Percent	94%, 61%, 65%
CMY	0.0628, 0.3882, 0.3450
CMYK	0.00, 0.35, 0.30, 0.06
HSL	352°, 72%, 77%
HSV	352°, 35%, 94%
XYZ	54.4569, 44.9177, 42.3664
YIQ	182.0710, 45.9370, 21.0170

Conversions

Conversions Part 2

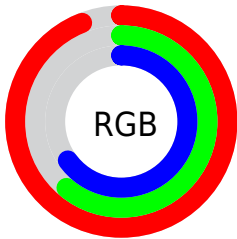
Format	Color
R _Y B	239, 156, 167
Decimal	15703207
CIE Lab	72.84, 32.36, 7.16
CIE LCh	73, 33.142, 12.473
Yxy	44.9177, 0.3842, 0.3169
Android (android.graphics.Color)	4293893287 (0xFFEF9CA7)
YUV	182.0710, -7.4300, 49.9267
Hunter-Lab	67.0207, 27.7519, 9.4350

Details

The Yxy color **44.9177, 0.3842, 0.3169** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.3925, 0.2692, 0.3418**, and the grayscale version is **46.8441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1225, 0.3380, 0.3180**, and **20.9622, 0.4051, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **36.9658, 0.4162, 0.3135**, and if you desaturate by 10%, it is **54.5746, 0.3579, 0.3205**.

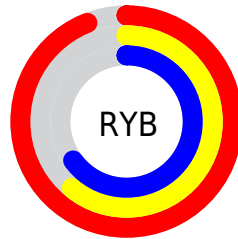
Distribution



Red (94%)

Green (61%)

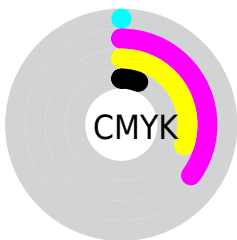
Blue (65%)



Red (94%)

Yellow (61%)

Blue (65%)

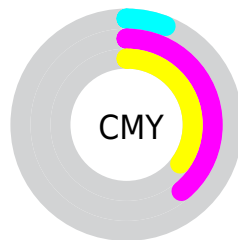


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (6%)



Cyan (6%)


Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9177, 0.3842, 0.3169 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 44.9177, 0.3842, 0.3169 by changing the saturation by 10% instead.


 44.9177, 0.3842,
0.3169

 44.9177, 0.3842,
0.3169

366.4401, 0.3480,
0.3236

 31.3926, 0.3934,
0.3150


 82.5969, 0.3709,
0.3195

 20.8980, 0.4052,
0.3125


 107.5198, 0.3660,
0.3204

 13.0495, 0.4210,
0.3089


137.0107, 0.3618,
0.3212

 7.4626, 0.4432,
0.3036

171.4541, 0.3582,
0.3218

 3.7531, 0.4763,
0.2949

211.2344, 0.3552,
0.3224

 1.5364, 0.5306,
0.2789

256.7359, 0.3525,

 0.3141, 0.7799,

0.3229

0.2201

308.3430, 0.3501,
0.3233

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.9177, 0.3842,
0.3169

44.9177, 0.3842,
0.3169

36.9658, 0.4162,
0.3135

54.5746, 0.3579,
0.3205

30.6137, 0.4541,
0.3109

66.0207, 0.3367,
0.3241

25.7544, 0.4968,
0.3096

79.3428, 0.3196,
0.3275

22.2653, 0.5412,
0.3103

94.6197, 0.3058,
0.3306

■ 20.0044, 0.5821,
0.3135

■ 97.0877, 0.3029,
0.3290

■ 18.7978, 0.6136,
0.3190

■ 18.4503, 0.6255,
0.3219

Harmonies

Analogous

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



44.9177, 0.3424, 0.2840



44.9177, 0.3842, 0.3169



44.9177, 0.4055, 0.3543

Triad

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



44.9177, 0.3842, 0.3169



44.9177, 0.3252, 0.4099



44.9177, 0.2317, 0.2639

Complementary

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



44.9177, 0.3842, 0.3169



74.3925, 0.2692, 0.3418

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.



44.9177, 0.2281, 0.2925



44.9177, 0.3842, 0.3169



44.9177, 0.2798, 0.3812

Square

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



44.9177, 0.3842, 0.3169



44.9177, 0.3692, 0.4111



44.9177, 0.2449, 0.3358



44.9177, 0.2550, 0.2538

Rectangle

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



44.9177, 0.3842, 0.3169



44.9177, 0.4044, 0.3782



44.9177, 0.2449, 0.3358



44.9177, 0.2282, 0.2714

Sweetspot

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



44.9199, 0.3842, 0.3169



83.4522, 0.3282, 0.3257



46.4934, 0.3073, 0.2404



17.4032, 0.3307, 0.3252



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.



44.9199, 0.3842, 0.3169



45.0207, 0.4074, 0.3144



56.0501, 0.3836, 0.3629



15.7930, 0.3272, 0.3259



10.2084, 0.6228, 0.3205



0.8599, 0.5930, 0.3040

Inverse Universe

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



44.9199, 0.3842, 0.3169



45.0207, 0.4074, 0.3144



58.6859, 0.2587, 0.2921



15.7930, 0.3272, 0.3259



10.2084, 0.6228, 0.3205



0.8599, 0.5930, 0.3040

Previews

White Background



This preview shows how the Yxy color 44.9177, 0.3842, 0.3169 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 44.9177, 0.3842, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

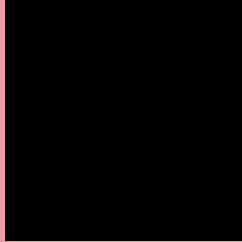
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9177, 0.3842, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 44.9177, 0.3842, 0.3169.



This preview shows how white text looks on a background with the Yxy color 44.9177, 0.3842, 0.3169.

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

44.9177, 0.3842, 0.3169

Protanopia

45.0405, 0.3154, 0.3277

Deuteranopia

45.1240, 0.3471, 0.3405



Tritanopia

44.9548, 0.3832, 0.3158

Trichromacy



Original Color

44.9177, 0.3842, 0.3169

Protanomaly

44.5411, 0.3388, 0.3228

Deuteranomaly

44.8011, 0.3599, 0.3316

Tritanomaly

44.9548, 0.3832, 0.3158

Monochromacy



Original Color

44.9177, 0.3842, 0.3169

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7580, 0.3365, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9177, 0.3842, 0.3169 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(239, 156, 167)` looks like.

```
.text, #text, p{  
    color:rgb(239, 156, 167)  
}
```

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(239, 156, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 156, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.9177, 0.3842, 0.3169 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(239, 156, 167) }
```

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

```
.border{ border-color:rgb(239, 156, 167) }
```

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

Here you see how a box with a 4 pixel rgb(239, 156, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 156, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 156, 167);  
box-shadow:4px 4px 4px 4px rgb(239, 156,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9177, 0.3842, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 156, 167) }
```

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

```
.background{ background-color: rgb(239,  
156, 167) }
```

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