

Converting Colors

$Y_{xy}(38.4005, 0.3882, 0.3198)$

Have a look what the booklet for
Yxy(38.4005, 0.3882, 0.3198)
contains.

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Color

Yxy(38.3980, 0.3881, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	E09199
RGB	224, 145, 153
RGB Percent	88%, 57%, 60%
CMY	0.1216, 0.4313, 0.4000
CMYK	0.00, 0.35, 0.32, 0.12
HSL	354°, 56%, 72%
HSV	354°, 35%, 88%
XYZ	46.6133, 38.3980, 35.0951
YIQ	169.5330, 44.5160, 19.2360

Conversions

Conversions Part 2

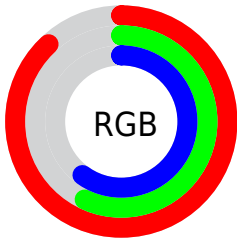
Format	Color
R_{YB}	224, 145, 153
Decimal	14717337
CIE _{Lab}	68.31, 30.88, 8.24
CIE _{LCh}	68, 31.963, 14.938
Yxy	38.3980, 0.3881, 0.3197
Android (android.graphics.Color)	4292907417 (0xFFE09199)
YUV	169.5330, -8.1508, 47.7676
Hunter-Lab	61.9661, 25.8338, 9.7969

Details

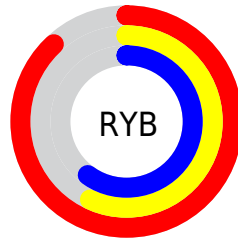
The Yxy color **38.3980, 0.3881, 0.3197** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.2829, 0.2674, 0.3389**, and the grayscale version is **39.9801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0735, 0.3511, 0.3219**, and **17.0035, 0.4125, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **31.6054, 0.4215, 0.3172**, and if you desaturate by 10%, it is **46.6559, 0.3606, 0.3224**.

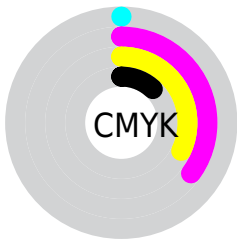
Distribution



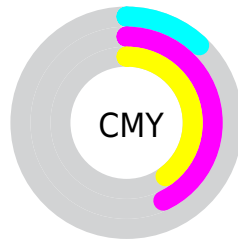
- Red (88%)
- Green (57%)
- Blue (60%)



- Red (88%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (12%)




- Cyan (12%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3980, 0.3881, 0.3197 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 38.3980, 0.3881, 0.3197 by changing the saturation by 10% instead.

 38.3980, 0.3881,
0.3197


 38.3980, 0.3881,
0.3197


339.3242, 0.3489,
0.3253

 26.2917, 0.3984,
0.3180


 72.7178, 0.3735,
0.3220

 17.0420, 0.4118,
0.3156


 95.7000, 0.3681,
0.3227

 10.2645, 0.4302,
0.3121


123.0764, 0.3636,
0.3234

 5.5746, 0.4566,
0.3064

155.2314, 0.3598,
0.3239

 2.5882, 0.4977,
0.2965

192.5492, 0.3565,
0.3243

 0.9207, 0.5851,
0.2837

235.4144, 0.3536,


 0.0000, 1.0000,


0.3247

0.0000


284.2113, 0.3511,
0.3250


 0.0000, 0.0000,
0.0000


 38.3980, 0.3881,
0.3197


 38.3980, 0.3881,
0.3197

 31.6054, 0.4215,
0.3172


 46.6559, 0.3606,
0.3224


 26.1874, 0.4609,
0.3153


 56.4519, 0.3385,
0.3251


 22.0514, 0.5050,
0.3145

 67.8608, 0.3206,
0.3277

 19.0917, 0.5502,
0.3153

 80.9506, 0.3063,
0.3301

 17.1852, 0.5907,
0.3181

 94.4994, 0.2948,
0.3303

■ 16.1815, 0.6203,
0.3226

■ 94.5853, 0.2940,
0.3289

■ 15.9059, 0.6300,
0.3244

Harmonies

Analogous

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



38.3980, 0.3468, 0.2857



38.3980, 0.3881, 0.3197



38.3980, 0.4075, 0.3577

Triad

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



38.3980, 0.3881, 0.3197



38.3980, 0.3214, 0.4099



38.3980, 0.2317, 0.2613

Complementary

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



38.3980, 0.3881, 0.3197



64.2829, 0.2674, 0.3389

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.



38.3980, 0.2263, 0.2888



38.3980, 0.3881, 0.3197



38.3980, 0.2758, 0.3787

Square

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



38.3980, 0.3881, 0.3197



38.3980, 0.3668, 0.4134



38.3980, 0.2417, 0.3319



38.3980, 0.2569, 0.2527

Rectangle

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



38.3980, 0.3881, 0.3197



38.3980, 0.4049, 0.3817



38.3980, 0.2417, 0.3319



38.3980, 0.2276, 0.2684

Sweetspot

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



38.3999, 0.3881, 0.3197



81.8722, 0.3305, 0.3262



40.0483, 0.3084, 0.2396



17.0864, 0.3330, 0.3259



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.



38.3999, 0.3881, 0.3197



44.9028, 0.4110, 0.3179



48.6613, 0.3841, 0.3648



13.7230, 0.3276, 0.3267



9.2674, 0.6278, 0.3232



0.6501, 0.5986, 0.3071

Inverse Universe

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



38.3999, 0.3881, 0.3197



44.9028, 0.4110, 0.3179



49.8581, 0.2579, 0.2898



13.7230, 0.3276, 0.3267



9.2674, 0.6278, 0.3232



0.6501, 0.5986, 0.3071

Previews

White Background



This preview shows how the Yxy color 38.3980, 0.3881, 0.3197 looks on a white background.

Color Contrast Check

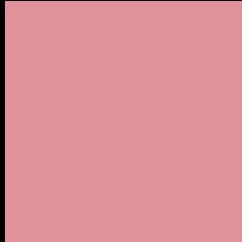
Large Text (above 18pt) WCAG AA × Fail

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 38.3980, 0.3881, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

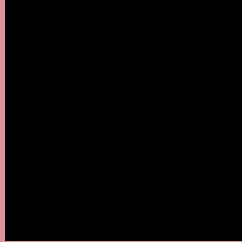
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3980, 0.3881, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 38.3980, 0.3881, 0.3197.



This preview shows how white text looks on a background with the Yxy color 38.3980, 0.3881, 0.3197.

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

38.3980, 0.3881, 0.3197

Protanopia

38.5351, 0.3173, 0.3304

Deuteranopia

38.5106, 0.3504, 0.3439



Tritanopia

38.4984, 0.3849, 0.3161

Trichromacy



Original Color

38.3980, 0.3881, 0.3197

Protanomaly

37.9741, 0.3415, 0.3251

Deuteranomaly

38.2336, 0.3643, 0.3343

Tritanomaly

38.4646, 0.3859, 0.3173

Monochromacy



Original Color

38.3980, 0.3881, 0.3197

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.1172, 0.3381, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3980, 0.3881, 0.3197 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(224, 145, 153)` looks like.

```
.text, #text, p{  
    color:rgb(224, 145, 153)  
}
```

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(224, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 145, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.3980, 0.3881, 0.3197 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(224, 145, 153) }
```

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

```
.border{ border-color:rgb(224, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(224, 145,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3980, 0.3881, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 145, 153) }
```

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

```
.background{ background-color: rgb(224,  
145, 153) }
```

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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