

Converting Colors

$Y_{xy}(40.4068, 0.3885, 0.3126)$

Have a look what the booklet for
Yxy(40.4068, 0.3885, 0.3126)
contains.

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Color

Yxy(40.4195, 0.3892, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	E992A0
RGB	233, 146, 160
RGB Percent	91%, 57%, 63%
CMY	0.0863, 0.4274, 0.3726
CMYK	0.00, 0.37, 0.31, 0.09
HSL	350°, 66%, 74%
HSV	350°, 37%, 91%
XYZ	50.2276, 40.4195, 38.4063
YIQ	173.6090, 47.3580, 22.7980

Conversions

Conversions Part 2

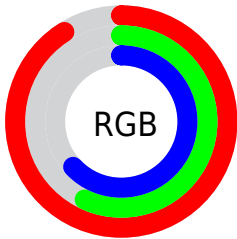
Format	Color
R _Y B	233, 146, 160
Decimal	15307424
CIE Lab	69.77, 34.55, 6.56
CIE LCh	70, 35.170, 10.755
Yxy	40.4195, 0.3892, 0.3132
Android (android.graphics.Color)	4293497504 (0xFFE992A0)
YUV	173.6090, -6.7092, 52.0859
Hunter-Lab	63.5763, 29.7627, 8.6865

Details

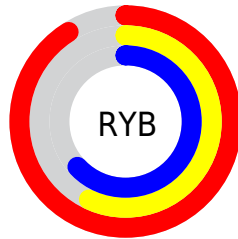
The Yxy color **40.4195, 0.3892, 0.3132** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.5054, 0.2677, 0.3460**, and the grayscale version is **42.1343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9396, 0.3447, 0.3148**, and **18.2235, 0.4117, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **33.3234, 0.4215, 0.3092**, and if you desaturate by 10%, it is **49.0910, 0.3625, 0.3176**.

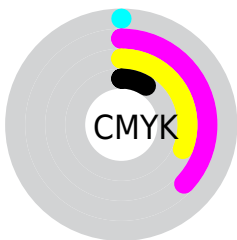
Distribution



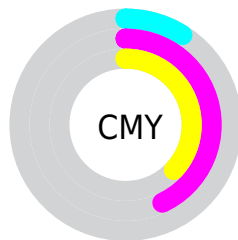
- Red (91%)
- Green (57%)
- Blue (63%)



- Red (91%)
- Yellow (57%)
- Blue (63%)



- Cyan (0%)
- Magenta (37%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4195, 0.3892, 0.3132 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 40.4195, 0.3892, 0.3132 by changing the saturation by 10% instead.

 40.4195, 0.3892,
0.3132


 40.4195, 0.3892,
0.3132


347.8885, 0.3498,
0.3219

 27.8658, 0.3994,
0.3108


 75.8019, 0.3746,
0.3166

 18.2245, 0.4126,
0.3074


 99.3993, 0.3692,
0.3178

 11.1113, 0.4306,
0.3028


127.4468, 0.3647,
0.3188

 6.1417, 0.4561,
0.2957

160.3287, 0.3608,
0.3196

 2.9315, 0.4953,
0.2841

198.4295, 0.3575,
0.3203

 1.0961, 0.5641,
0.2633

242.1334, 0.3546,

 0.0000, 1.0000,

0.3209

0.0000

291.8250, 0.3521,
0.3215

0.0000, 0.0000,
0.0000

40.4195, 0.3892,
0.3132

40.4195, 0.3892,
0.3132

33.3234, 0.4215,
0.3092

49.0910, 0.3625,
0.3176

27.7023, 0.4593,
0.3062

59.4185, 0.3408,
0.3219

23.4533, 0.5014,
0.3050

71.4845, 0.3233,
0.3261

20.4581, 0.5446,
0.3062

85.3638, 0.3093,
0.3300

18.5777, 0.5837,
0.3104

96.0638, 0.2993,
0.3290

■ 17.6304, 0.6134,
0.3171

■ 17.4601, 0.6197,
0.3188

Harmonies

Analogous

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



40.4195, 0.3421, 0.2781



40.4195, 0.3892, 0.3132



40.4195, 0.4142, 0.3537

Triad

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



40.4195, 0.3892, 0.3132



40.4195, 0.3289, 0.4194



40.4195, 0.2236, 0.2589

Complementary

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



40.4195, 0.3892, 0.3132



69.5054, 0.2677, 0.3460

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.



40.4195, 0.2209, 0.2908



40.4195, 0.3892, 0.3132



40.4195, 0.2790, 0.3893

Square

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



40.4195, 0.3892, 0.3132



40.4195, 0.3768, 0.4183



40.4195, 0.2402, 0.3392



40.4195, 0.2476, 0.2471

Rectangle

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



40.4195, 0.3892, 0.3132



40.4195, 0.4140, 0.3801



40.4195, 0.2402, 0.3392



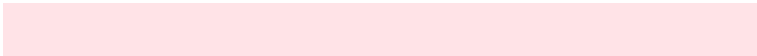
40.4195, 0.2203, 0.2673

Sweetspot

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



40.4215, 0.3892, 0.3132



81.9663, 0.3294, 0.3246



41.4262, 0.3041, 0.2331



17.1086, 0.3318, 0.3240



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.



40.4215, 0.3892, 0.3132



42.5818, 0.4142, 0.3100



50.0613, 0.3917, 0.3623



15.0935, 0.3268, 0.3252



9.9190, 0.6168, 0.3171



0.7907, 0.5820, 0.2980

Inverse Universe

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



40.4215, 0.3892, 0.3132



42.5818, 0.4142, 0.3100



55.1820, 0.2554, 0.2927



15.0935, 0.3268, 0.3252



9.9190, 0.6168, 0.3171



0.7907, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 40.4195, 0.3892, 0.3132 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 40.4195, 0.3892, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

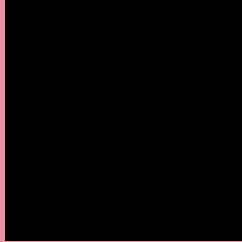
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4195, 0.3892, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 40.4195, 0.3892, 0.3132.



This preview shows how white text looks on a background with the Yxy color 40.4195, 0.3892, 0.3132.

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

40.4195, 0.3892, 0.3132

Protanopia

40.6508, 0.3129, 0.3249

Deuteranopia

40.6820, 0.3468, 0.3396



Tritanopia

40.3157, 0.3924, 0.3166

Trichromacy



Original Color

40.4195, 0.3892, 0.3132

Protanomaly

39.9190, 0.3392, 0.3200

Deuteranomaly

40.3322, 0.3624, 0.3291

Tritanomaly

40.3500, 0.3914, 0.3155

Monochromacy



Original Color

40.4195, 0.3892, 0.3132

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.0176, 0.3377, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4195, 0.3892, 0.3132 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(233, 146, 160)` looks like.

```
.text, #text, p{  
    color:rgb(233, 146, 160)  
}
```

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(233, 146, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 146, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.4195, 0.3892, 0.3132 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(233, 146, 160) }
```

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

```
.border{ border-color:rgb(233, 146, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 146, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 146, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 146, 160);  
box-shadow:4px 4px 4px 4px rgb(233, 146,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4195, 0.3892, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 146, 160) }
```

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

```
.background{ background-color: rgb(233,  
146, 160) }
```

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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