

Converting Colors

$Y_{xy}(40.1552, 0.4018, 0.3169)$

Have a look what the booklet for
Yxy(40.1552, 0.4018, 0.3169)
contains.

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Color

Yxy(40.1552, 0.4018, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	EE8F9A
RGB	238, 143, 154
RGB Percent	93%, 56%, 60%
CMY	0.0667, 0.4392, 0.3960
CMYK	0.00, 0.40, 0.35, 0.07
HSL	353°, 74%, 75%
HSV	353°, 40%, 93%
XYZ	50.9131, 40.1552, 35.6442
YIQ	172.6590, 53.0890, 23.5610

Conversions

Conversions Part 2

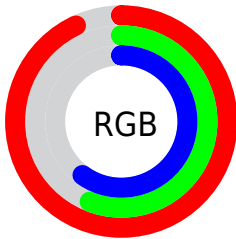
Format	Color
R _Y B	238, 143, 154
Decimal	15634330
CIE Lab	69.58, 37.19, 9.71
CIE LCh	70, 38.438, 14.636
Yxy	40.1552, 0.4018, 0.3169
Android (android.graphics.Color)	4293824410 (0xFFEE8F9A)
YUV	172.6590, -9.1989, 57.3041
Hunter-Lab	63.3681, 32.5215, 11.0074

Details

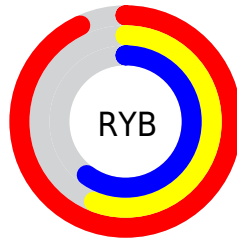
The Yxy color **40.1552, 0.4018, 0.3169** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.5287, 0.2630, 0.3421**, and the grayscale version is **41.6358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2022, 0.3507, 0.3188**, and **18.1647, 0.4298, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **33.1122, 0.4376, 0.3143**, and if you desaturate by 10%, it is **48.8406, 0.3720, 0.3200**.

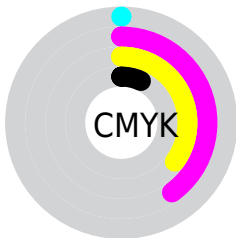
Distribution



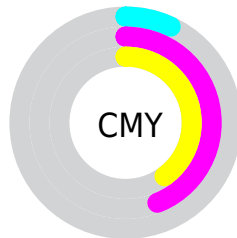
- Red (93%)
- Green (56%)
- Blue (60%)



- Red (93%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1552, 0.4018, 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 40.1552, 0.4018, 0.3169 by changing the saturation by 10% instead.

 40.1552, 0.4018,
0.3169


 40.1552, 0.4018,
0.3169


346.7773, 0.3558,
0.3242

 27.6596, 0.4137,
0.3147


 75.3998, 0.3848,
0.3198

 18.0692, 0.4292,
0.3116


 98.9175, 0.3785,
0.3208

 10.9997, 0.4501,
0.3072


126.8781, 0.3732,
0.3217

 6.0666, 0.4799,
0.3001

159.6659, 0.3687,
0.3223

 2.8856, 0.5250,
0.2880

197.6653, 0.3648,
0.3229

 1.0723, 0.6116,
0.2690

241.2608, 0.3614,


 0.0000, 1.0000,


0.3234


0.0000

290.8366, 0.3584,
0.3238

 0.0000, 0.0000,
0.0000

 40.1552, 0.4018,
0.3169


 40.1552, 0.4018,
0.3169


 33.1122, 0.4376,
0.3143


 48.8406, 0.3720,
0.3200


 27.6027, 0.4790,
0.3125


 59.2567, 0.3478,
0.3231


 23.5137, 0.5238,
0.3124

 71.4924, 0.3282,
0.3262

 20.7143, 0.5675,
0.3143

 85.6288, 0.3126,
0.3290

 19.0493, 0.6038,
0.3183

 96.9152, 0.3023,
0.3290

■ 18.2626, 0.6281,
0.3234

■ 18.2570, 0.6282,
0.3235

Harmonies

Analogous

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



40.1552, 0.3522, 0.2780



40.1552, 0.4018, 0.3169



40.1552, 0.4250, 0.3608

Triad

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



40.1552, 0.4018, 0.3169



40.1552, 0.3226, 0.4264



40.1552, 0.2181, 0.2496

Complementary

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



40.1552, 0.4018, 0.3169



72.5287, 0.2630, 0.3421

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.



40.1552, 0.2121, 0.2811



40.1552, 0.4018, 0.3169



40.1552, 0.2691, 0.3890

Square

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



40.1552, 0.4018, 0.3169



40.1552, 0.3761, 0.4286



40.1552, 0.2296, 0.3323



40.1552, 0.2467, 0.2401

Rectangle

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



40.1552, 0.4018, 0.3169



40.1552, 0.4216, 0.3891



40.1552, 0.2296, 0.3323



40.1552, 0.2135, 0.2576

Sweetspot

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



40.1572, 0.4018, 0.3169



80.3849, 0.3321, 0.3255



42.1368, 0.3075, 0.2277



16.7906, 0.3345, 0.3251



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.



40.1572, 0.4018, 0.3169



40.0253, 0.4310, 0.3147



52.5674, 0.3969, 0.3698



15.7886, 0.3275, 0.3263



10.1961, 0.6258, 0.3221



0.8579, 0.5985, 0.3070

Inverse Universe

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



40.1572, 0.4018, 0.3169



40.0253, 0.4310, 0.3147



54.0578, 0.2506, 0.2836



15.7886, 0.3275, 0.3263



10.1961, 0.6258, 0.3221



0.8579, 0.5985, 0.3070

Previews

White Background



This preview shows how the Yxy color 40.1552, 0.4018, 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 40.1552, 0.4018, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

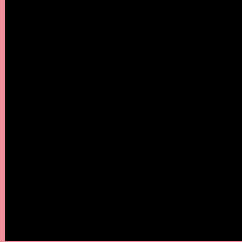
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1552, 0.4018, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 40.1552, 0.4018, 0.3169.



This preview shows how white text looks on a background with the Yxy color 40.1552, 0.4018, 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

40.1552, 0.4018, 0.3169

Protanopia

40.5753, 0.3181, 0.3318

Deuteranopia

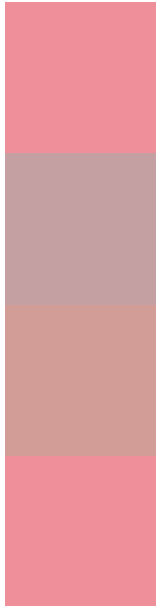
40.2223, 0.3546, 0.3476



Tritanopia

40.1552, 0.4018, 0.3169

Trichromacy



Original Color

40.1552, 0.4018, 0.3169

Protanomaly

39.6563, 0.3461, 0.3252

Deuteranomaly

39.7129, 0.3721, 0.3354

Tritanomaly

40.1552, 0.4018, 0.3169

Monochromacy



Original Color

40.1552, 0.4018, 0.3169

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.4642, 0.3428, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1552, 0.4018, 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(238, 143, 154)` looks like.

```
.text, #text, p{  
    color:rgb(238, 143, 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(238, 143, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 143, 154) }
```

Border

The CSS property to change the border of an element to Yxy 40.1552, 0.4018, 0.3169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

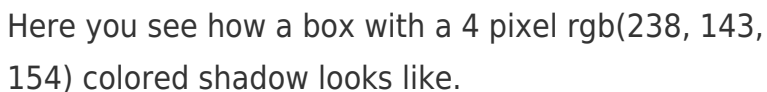
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 143, 154) }
```

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

```
.border{ border-color:rgb(238, 143, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 143, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 143, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 143, 154); box-shadow:4px 4px 4px 4px rgb(238, 143, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1552, 0.4018, 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(238, 143, 154) }
```

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

```
.background{ background-color: rgb(238,  
143, 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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