

Converting Colors

$Y_{xy}(40.3058, 0.3942, 0.3207)$

Have a look what the booklet for
Yxy(40.3058, 0.3942, 0.3207)
contains.

Yxy(40.3563, 0.3943, 0.3212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.3563, 0.3943, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	E8939A
RGB	232, 147, 154
RGB Percent	91%, 58%, 60%
CMY	0.0903, 0.4235, 0.3961
CMYK	0.00, 0.37, 0.34, 0.09
HSL	355°, 65%, 74%
HSV	355°, 37%, 91%
XYZ	49.5408, 40.3563, 35.7452
YIQ	173.2130, 48.4130, 20.1970

Conversions

Conversions Part 2

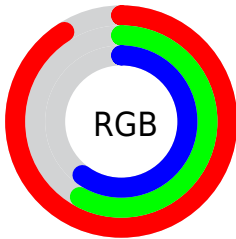
Format	Color
R _Y B	232, 147, 154
Decimal	15242138
CIE _{Lab}	69.72, 32.89, 9.83
CIE _{LCh}	70, 34.331, 16.635
Yxy	40.3563, 0.3943, 0.3212
Android (android.graphics.Color)	4293432218 (0xFFE8939A)
YUV	173.2130, -9.4720, 51.5562
Hunter-Lab	63.5266, 28.0303, 11.1073

Details

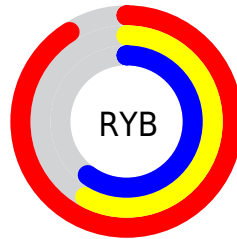
The Yxy color **40.3563, 0.3943, 0.3212** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.3461, 0.2650, 0.3373**, and the grayscale version is **41.9353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0551, 0.3500, 0.3230**, and **18.1624, 0.4193, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **33.2078, 0.4295, 0.3193**, and if you desaturate by 10%, it is **49.0893, 0.3653, 0.3234**.

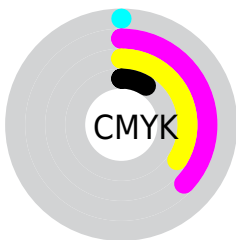
Distribution



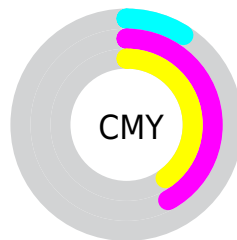
- Red (91%)
- Green (58%)
- Blue (60%)



- Red (91%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3563, 0.3943, 0.3212 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 40.3563, 0.3943, 0.3212 by changing the saturation by 10% instead.


 40.3563, 0.3943,
0.3212


 40.3563, 0.3943,
0.3212

347.6230, 0.3522,
0.3262

 27.8165, 0.4052,
0.3196

 75.7058, 0.3787,
0.3233

 18.1873, 0.4194,
0.3174


 99.2842, 0.3729,
0.3239

 11.0846, 0.4386,
0.3140


127.3109, 0.3681,
0.3245

 6.1238, 0.4661,
0.3086

160.1703, 0.3639,
0.3250

 2.9205, 0.5079,
0.2989

198.2469, 0.3604,
0.3253

 1.0904, 0.5892,
0.2843

241.9249, 0.3573,

 0.0000, 1.0000,

0.3257

0.0000

291.5888, 0.3546,
0.3259

0.0000, 0.0000,
0.0000

40.3563, 0.3943,
0.3212

40.3563, 0.3943,
0.3212

33.2078, 0.4295,
0.3193

49.0893, 0.3653,
0.3234

27.5433, 0.4707,
0.3179

59.4877, 0.3419,
0.3256

23.2600, 0.5161,
0.3175

71.6339, 0.3231,
0.3277

20.2396, 0.5614,
0.3185

85.6032, 0.3080,
0.3296

18.3439, 0.6004,
0.3212

95.8933, 0.2987,
0.3290

■ 17.3987, 0.6267,
0.3250

■ 17.2005, 0.6328,
0.3260

Harmonies

Analogous

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



40.3563, 0.3515, 0.2852



40.3563, 0.3943, 0.3212



40.3563, 0.4132, 0.3611

Triad

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



40.3563, 0.3943, 0.3212



40.3563, 0.3188, 0.4137



40.3563, 0.2285, 0.2566

Complementary

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



40.3563, 0.3943, 0.3212



69.3461, 0.2650, 0.3373

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.



40.3563, 0.2216, 0.2842



40.3563, 0.3943, 0.3212



40.3563, 0.2712, 0.3791

Square

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



40.3563, 0.3943, 0.3212



40.3563, 0.3671, 0.4187



40.3563, 0.2364, 0.3290



40.3563, 0.2559, 0.2489

Rectangle

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



40.3563, 0.3943, 0.3212



40.3563, 0.4091, 0.3861



40.3563, 0.2364, 0.3290



40.3563, 0.2239, 0.2636

Sweetspot

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



40.3583, 0.3943, 0.3212



81.8421, 0.3309, 0.3268



42.6897, 0.3107, 0.2367



17.0793, 0.3335, 0.3265



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.



40.3583, 0.3943, 0.3212



43.1122, 0.4205, 0.3197



52.8883, 0.3867, 0.3695



14.3871, 0.3280, 0.3271



9.5577, 0.6308, 0.3248



0.7130, 0.6073, 0.3119

Inverse Universe

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



40.3583, 0.3943, 0.3212



43.1122, 0.4205, 0.3197



51.7723, 0.2552, 0.2843



14.3871, 0.3280, 0.3271



9.5577, 0.6308, 0.3248



0.7130, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 40.3563, 0.3943, 0.3212 looks on a white background.

Color Contrast Check

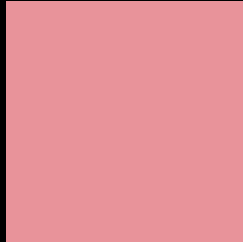
Large Text (above 18pt) WCAG AA × Fail

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 40.3563, 0.3943, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

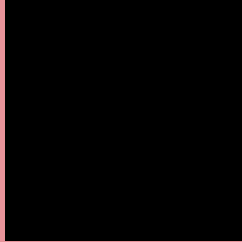
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3563, 0.3943, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 40.3563, 0.3943, 0.3212.



This preview shows how white text looks on a background with the Yxy color 40.3563, 0.3943, 0.3212.

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

40.3563, 0.3943, 0.3212

Protanopia

40.6166, 0.3207, 0.3345

Deuteranopia

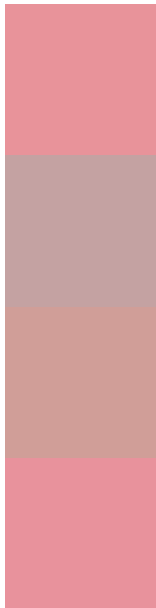
40.6140, 0.3534, 0.3476



Tritanopia

40.1479, 0.3914, 0.3166

Trichromacy



Original Color

40.3563, 0.3943, 0.3212

Protanomaly

40.1851, 0.3457, 0.3291

Deuteranomaly

40.1306, 0.3684, 0.3367

Tritanomaly

40.1139, 0.3925, 0.3177

Monochromacy



Original Color

40.3563, 0.3943, 0.3212

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7734, 0.3395, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3563, 0.3943, 0.3212 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(232, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(232, 147, 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(232, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 147, 154) }
```

Border

The CSS property to change the border of an element to Yxy 40.3563, 0.3943, 0.3212 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(232, 147, 154) }
```

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

```
.border{ border-color:rgb(232, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(232, 147,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3563, 0.3943, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 147, 154) }
```

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

```
.background{ background-color: rgb(232,  
147, 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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