

Converting Colors

$Y_{xy}(40.7728, 0.3958, 0.3196)$

Have a look what the booklet for
Yxy(40.7728, 0.3958, 0.3196)
contains.

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Color

Yxy(40.8962, 0.3962, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	EB939B
RGB	235, 147, 155
RGB Percent	92%, 58%, 61%
CMY	0.0783, 0.4236, 0.3921
CMYK	0.00, 0.37, 0.34, 0.08
HSL	355°, 69%, 75%
HSV	355°, 37%, 92%
XYZ	50.6188, 40.8962, 36.2457
YIQ	174.2240, 49.8800, 21.1440

Conversions

Conversions Part 2

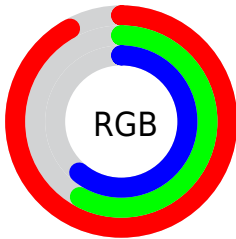
Format	Color
R _Y B	235, 147, 155
Decimal	15438747
CIE Lab	70.10, 34.15, 9.84
CIE LCh	70, 35.542, 16.078
Yxy	40.8962, 0.3962, 0.3201
Android (android.graphics.Color)	4293628827 (0xFFEB939B)
YUV	174.2240, -9.4774, 53.3006
Hunter-Lab	63.9501, 29.3763, 11.1607

Details

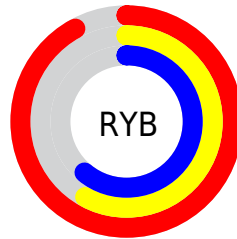
The Yxy color **40.8962, 0.3962, 0.3201** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.1791, 0.2645, 0.3385**, and the grayscale version is **42.4805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1045, 0.3492, 0.3219**, and **18.5310, 0.4217, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **33.6656, 0.4316, 0.3180**, and if you desaturate by 10%, it is **49.7507, 0.3670, 0.3225**.

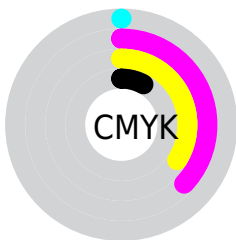
Distribution



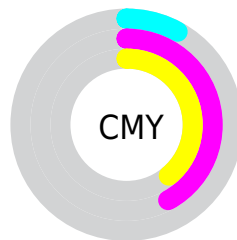
- Red (92%)
- Green (58%)
- Blue (61%)



- Red (92%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (8%)





- Cyan (8%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8962, 0.3962, 0.3201 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 40.8962, 0.3962, 0.3201 by changing the saturation by 10% instead.


 40.8962, 0.3962,
0.3201


 40.8962, 0.3962,
0.3201


349.8866, 0.3532,
0.3256

 28.2380, 0.4073,
0.3184

 76.5263, 0.3803,
0.3224

 18.5051, 0.4217,
0.3159


 100.2670, 0.3744,
0.3231

 11.3133, 0.4412,
0.3123


128.4706, 0.3695,
0.3238

 6.2779, 0.4689,
0.3066

161.5215, 0.3652,
0.3243

 3.0148, 0.5110,
0.2964

199.8042, 0.3616,
0.3247

 1.1395, 0.5897,
0.2801

243.7030, 0.3584,

 0.0114, 0.9867,

0.3251

0.0133

293.6024, 0.3557,
0.3254

■ 0.0000, 0.0000,
0.0000

■ 40.8962, 0.3962,
0.3201

■ 40.8962, 0.3962,
0.3201

■ 33.6656, 0.4316,
0.3180

■ 49.7507, 0.3670,
0.3225

■ 27.9547, 0.4728,
0.3165

■ 60.3131, 0.3434,
0.3250

■ 23.6566, 0.5181,
0.3161

■ 72.6688, 0.3244,
0.3273

■ 20.6479, 0.5631,
0.3174

■ 86.8957, 0.3092,
0.3295

■ 18.7842, 0.6014,
0.3204

■ 96.4065, 0.3006,
0.3290

■ 17.8748, 0.6271,
0.3246

■ 17.7223, 0.6317,
0.3254

Harmonies

Analogous

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



40.8962, 0.3516, 0.2834



40.8962, 0.3962, 0.3201



40.8962, 0.4162, 0.3610

Triad

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



40.8962, 0.3962, 0.3201



40.8962, 0.3198, 0.4169



40.8962, 0.2258, 0.2548

Complementary

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



40.8962, 0.3962, 0.3201



71.1791, 0.2645, 0.3385

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.



40.8962, 0.2192, 0.2834



40.8962, 0.3962, 0.3201



40.8962, 0.2707, 0.3816

Square

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



40.8962, 0.3962, 0.3201



40.8962, 0.3694, 0.4213



40.8962, 0.2347, 0.3299



40.8962, 0.2536, 0.2466

Rectangle

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



40.8962, 0.3962, 0.3201



40.8962, 0.4123, 0.3869



40.8962, 0.2347, 0.3299



40.8962, 0.2212, 0.2621

Sweetspot

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



40.8982, 0.3962, 0.3201



81.8565, 0.3307, 0.3265



43.0687, 0.3093, 0.2342



17.0827, 0.3333, 0.3262



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.



40.8982, 0.3962, 0.3201



42.3146, 0.4230, 0.3184



53.3124, 0.3895, 0.3688



15.0764, 0.3279, 0.3269



9.8688, 0.6296, 0.3242



0.7826, 0.6053, 0.3108

Inverse Universe

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



40.8982, 0.3962, 0.3201



42.3146, 0.4230, 0.3184



53.4230, 0.2541, 0.2850



15.0764, 0.3279, 0.3269



9.8688, 0.6296, 0.3242



0.7826, 0.6053, 0.3108

Previews

White Background



This preview shows how the Yxy color 40.8962, 0.3962, 0.3201 looks on a white background.

Color Contrast Check

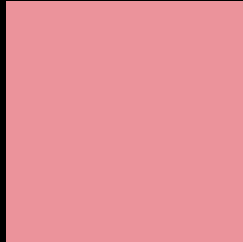
Large Text (above 18pt) WCAG AA × Fail

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 40.8962, 0.3962, 0.3201 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 40.8962, 0.3962, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 40.8962, 0.3962, 0.3201.



This preview shows how white text looks on a background with the Yxy color 40.8962, 0.3962, 0.3201.

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

40.8962, 0.3962, 0.3201

Protanopia

41.1831, 0.3198, 0.3331

Deuteranopia

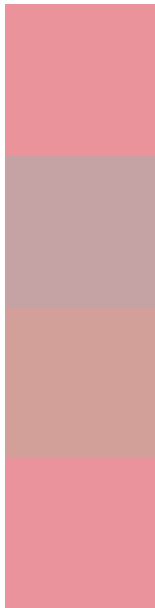
41.2752, 0.3541, 0.3474



Tritanopia

40.9982, 0.3930, 0.3167

Trichromacy



Original Color

40.8962, 0.3962, 0.3201

Protanomaly

40.3553, 0.3457, 0.3278

Deuteranomaly

40.7978, 0.3691, 0.3367

Tritanomaly

40.9639, 0.3940, 0.3179

Monochromacy



Original Color

40.8962, 0.3962, 0.3201

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.0767, 0.3405, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8962, 0.3962, 0.3201 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(235, 147, 155)` looks like.

```
.text, #text, p{  
    color:rgb(235, 147, 155)  
}
```

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(235, 147, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 147, 155) }
```

Border

The CSS property to change the border of an element to Yxy 40.8962, 0.3962, 0.3201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

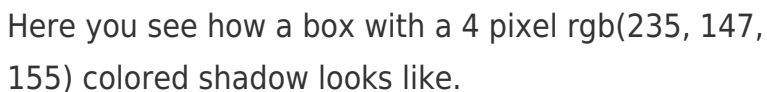
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 147, 155) }
```

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

```
.border{ border-color:rgb(235, 147, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 147, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 147, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 147, 155);  
box-shadow:4px 4px 4px 4px rgb(235, 147,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8962, 0.3962, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 147, 155) }
```

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

```
.background{ background-color: rgb(235,  
147, 155) }
```

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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