

Converting Colors

$Y_{xy}(38.7105, 0.3964, 0.3149)$

Have a look what the booklet for
Yxy(38.7105, 0.3964, 0.3149)
contains.

Yxy(38.8349, 0.3962, 0.3154)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.8349, 0.3962, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	E88E9A
RGB	232, 142, 154
RGB Percent	91%, 56%, 60%
CMY	0.0902, 0.4431, 0.3959
CMYK	0.00, 0.39, 0.34, 0.09
HSL	352°, 66%, 73%
HSV	352°, 39%, 91%
XYZ	48.7837, 38.8349, 35.5104
YIQ	170.2780, 49.7880, 22.8120

Conversions

Conversions Part 2

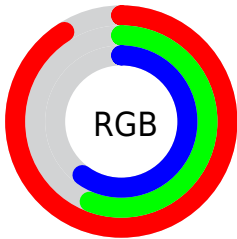
Format	Color
R _Y B	232, 142, 154
Decimal	15240858
CIE Lab	68.63, 35.54, 8.25
CIE LCh	69, 36.482, 13.070
Yxy	38.8349, 0.3962, 0.3154
Android (android.graphics.Color)	4293430938 (0xFFE88E9A)
YUV	170.2780, -8.0251, 54.1302
Hunter-Lab	62.3177, 30.6781, 9.8372

Details

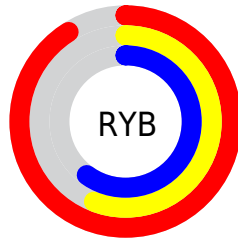
The Yxy color **38.8349, 0.3962, 0.3154** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.6237, 0.2650, 0.3437**, and the grayscale version is **40.3687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7466, 0.3509, 0.3178**, and **17.2903, 0.4224, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **32.0218, 0.4305, 0.3122**, and if you desaturate by 10%, it is **47.2004, 0.3678, 0.3190**.

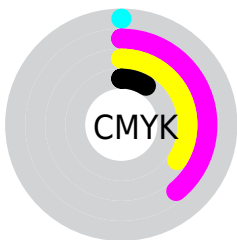
Distribution



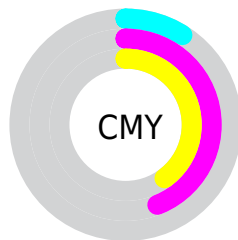
- Red (91%)
- Green (56%)
- Blue (60%)



- Red (91%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8349, 0.3962, 0.3154 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 38.8349, 0.3962, 0.3154 by changing the saturation by 10% instead.

 38.8349, 0.3962,
0.3154


 38.8349, 0.3962,
0.3154


341.1880, 0.3529,
0.3233

 26.6313, 0.4075,
0.3131


 73.3860, 0.3801,
0.3185

 17.2965, 0.4222,
0.3099


 96.5024, 0.3742,
0.3196

 10.4461, 0.4423,
0.3052


124.0251, 0.3692,
0.3205

 5.6957, 0.4710,
0.2980

156.3386, 0.3649,
0.3213

 2.6610, 0.5152,
0.2857

193.8272, 0.3613,
0.3219

 0.9574, 0.6036,
0.2671

236.8754, 0.3581,

 0.0000, 1.0000,

0.3224

0.0000

285.8676, 0.3553,
0.3229

0.0000, 0.0000,
0.0000

38.8349, 0.3962,
0.3154

38.8349, 0.3962,
0.3154

32.0218, 0.4305,
0.3122

47.2004, 0.3678,
0.3190

26.6600, 0.4704,
0.3100

57.1998, 0.3447,
0.3226

22.6456, 0.5141,
0.3094

68.9158, 0.3260,
0.3261

19.8580, 0.5578,
0.3111

82.4238, 0.3111,
0.3294

18.1553, 0.5956,
0.3153

95.8634, 0.2990,
0.3294

■ 17.3273, 0.6224,
0.3211

■ 95.8939, 0.2987,
0.3290

■ 17.2528, 0.6250,
0.3217

Harmonies

Analogous

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



38.8349, 0.3478, 0.2782



38.8349, 0.3962, 0.3154



38.8349, 0.4201, 0.3577

Triad

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



38.8349, 0.3962, 0.3154



38.8349, 0.3253, 0.4231



38.8349, 0.2207, 0.2537

Complementary

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



38.8349, 0.3962, 0.3154



68.6237, 0.2650, 0.3437

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.



38.8349, 0.2160, 0.2854



38.8349, 0.3962, 0.3154



38.8349, 0.2734, 0.3890

Square

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



38.8349, 0.3962, 0.3154



38.8349, 0.3762, 0.4240



38.8349, 0.2343, 0.3352



38.8349, 0.2473, 0.2433

Rectangle

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



38.8349, 0.3962, 0.3154



38.8349, 0.4181, 0.3851



38.8349, 0.2343, 0.3352



38.8349, 0.2166, 0.2619

Sweetspot

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



38.8368, 0.3962, 0.3154



80.4152, 0.3317, 0.3250



40.1556, 0.3050, 0.2298



16.7976, 0.3341, 0.3245



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.



38.8368, 0.3962, 0.3154



40.8696, 0.4248, 0.3127



49.1871, 0.3950, 0.3652



14.3992, 0.3271, 0.3259



9.5896, 0.6223, 0.3202



0.7187, 0.5889, 0.3018

Inverse Universe

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



38.8368, 0.3962, 0.3154



40.8696, 0.4248, 0.3127



53.1157, 0.2530, 0.2891



14.3992, 0.3271, 0.3259



9.5896, 0.6223, 0.3202



0.7187, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 38.8349, 0.3962, 0.3154 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 38.8349, 0.3962, 0.3154 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 38.8349, 0.3962, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 38.8349, 0.3962, 0.3154.



This preview shows how white text looks on a background with the Yxy color 38.8349, 0.3962, 0.3154.

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

38.8349, 0.3962, 0.3154

Protanopia

39.1225, 0.3155, 0.3276

Deuteranopia

39.0222, 0.3502, 0.3439



Tritanopia

38.8017, 0.3974, 0.3166

Trichromacy



Original Color

38.8349, 0.3962, 0.3154

Protanomaly

38.4355, 0.3426, 0.3225

Deuteranomaly

38.6888, 0.3664, 0.3330

Tritanomaly

38.8017, 0.3974, 0.3166

Monochromacy



Original Color

38.8349, 0.3962, 0.3154

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.1594, 0.3412, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8349, 0.3962, 0.3154 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, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(232, 142, 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, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 142, 154) }
```

Border

The CSS property to change the border of an element to Yxy 38.8349, 0.3962, 0.3154 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, 142, 154) }
```

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

```
.border{ border-color:rgb(232, 142, 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, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 142, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 142, 154);  
box-shadow:4px 4px 4px 4px rgb(232, 142,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8349, 0.3962, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 142, 154) }
```

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

```
.background{ background-color: rgb(232,  
142, 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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