

Converting Colors

$Y_{xy}(41.4130, 0.3957, 0.3202)$

Have a look what the booklet for
Yxy(41.4130, 0.3957, 0.3202)
contains.

Yxy(41.4130, 0.3957, 0.3202)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4130, 0.3957, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	EC949C
RGB	236, 148, 156
RGB Percent	93%, 58%, 61%
CMY	0.0746, 0.4195, 0.3883
CMYK	0.00, 0.37, 0.34, 0.07
HSL	355°, 70%, 75%
HSV	355°, 37%, 93%
XYZ	51.1778, 41.4130, 36.7440
YIQ	175.2240, 49.8800, 21.1440

Conversions

Conversions Part 2

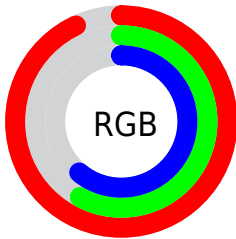
Format	Color
R _Y B	236, 148, 156
Decimal	15504540
CIE Lab	70.46, 34.08, 9.83
CIE LCh	70, 35.471, 16.095
Yxy	41.4130, 0.3957, 0.3202
Android (android.graphics.Color)	4293694620 (0xFFEC949C)
YUV	175.2240, -9.4774, 53.3006
Hunter-Lab	64.3529, 29.3376, 11.1939

Details

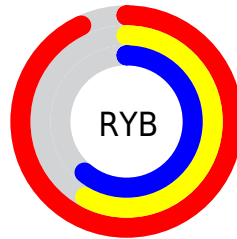
The Yxy color **41.4130, 0.3957, 0.3202** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.8804, 0.2646, 0.3384**, and the grayscale version is **43.0237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6250, 0.3482, 0.3219**, and **18.8506, 0.4209, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **34.0865, 0.4310, 0.3181**, and if you desaturate by 10%, it is **50.3810, 0.3666, 0.3226**.

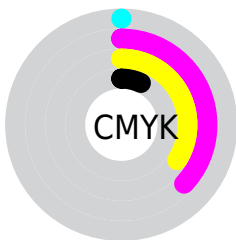
Distribution



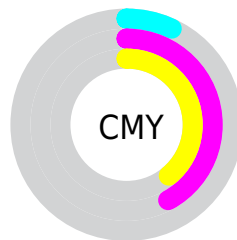
- Red (93%)
- Green (58%)
- Blue (61%)



- Red (93%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (7%)





- Cyan (7%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4130, 0.3957, 0.3202 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 41.4130, 0.3957, 0.3202 by changing the saturation by 10% instead.


 41.4130, 0.3957,
0.3202


 41.4130, 0.3957,
0.3202


352.0438, 0.3530,
0.3257

 28.6419, 0.4067,
0.3185


 77.3104, 0.3799,
0.3224

 18.8101, 0.4209,
0.3161


 101.2056, 0.3741,
0.3232

 11.5332, 0.4402,
0.3126


129.5776, 0.3692,
0.3238

 6.4266, 0.4674,
0.3069

162.8108, 0.3650,
0.3243

 3.1062, 0.5087,
0.2971

201.2897, 0.3614,
0.3247

 1.1874, 0.5840,
0.2805

245.3985, 0.3582,

 0.0514, 0.9449,

0.3251

0.0551

295.5217, 0.3555,
0.3254

0.0000, 0.0000,
0.0000

41.4130, 0.3957,
0.3202

41.4130, 0.3957,
0.3202

34.0865, 0.4310,
0.3181

50.3810, 0.3666,
0.3226

28.2963, 0.4722,
0.3166

61.0752, 0.3430,
0.3251

23.9348, 0.5175,
0.3162

73.5816, 0.3241,
0.3274

20.8775, 0.5625,
0.3174

87.9790, 0.3089,
0.3296

18.9789, 0.6010,
0.3204

96.5699, 0.3011,
0.3290

■ 18.0497, 0.6269,
0.3246

■ 17.8855, 0.6318,
0.3254

Harmonies

Analogous

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



41.4130, 0.3514, 0.2836



41.4130, 0.3957, 0.3202



41.4130, 0.4155, 0.3609

Triad

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



41.4130, 0.3957, 0.3202



41.4130, 0.3198, 0.4163



41.4130, 0.2263, 0.2553

Complementary

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



41.4130, 0.3957, 0.3202



71.8804, 0.2646, 0.3384

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.



41.4130, 0.2197, 0.2837



41.4130, 0.3957, 0.3202



41.4130, 0.2709, 0.3812

Square

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



41.4130, 0.3957, 0.3202



41.4130, 0.3690, 0.4207



41.4130, 0.2351, 0.3299



41.4130, 0.2539, 0.2471

Rectangle

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



41.4130, 0.3957, 0.3202



41.4130, 0.4117, 0.3866



41.4130, 0.2351, 0.3299



41.4130, 0.2217, 0.2625

Sweetspot

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



41.4150, 0.3957, 0.3202



81.8555, 0.3307, 0.3265



43.6014, 0.3093, 0.2347



17.0824, 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.



41.4150, 0.3957, 0.3202



42.3124, 0.4231, 0.3185



53.9195, 0.3891, 0.3687



15.0762, 0.3279, 0.3269



9.8685, 0.6297, 0.3243



0.7825, 0.6056, 0.3110

Inverse Universe

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



41.4150, 0.3957, 0.3202



42.3124, 0.4231, 0.3185



54.0311, 0.2544, 0.2852



15.0762, 0.3279, 0.3269



9.8685, 0.6297, 0.3243



0.7825, 0.6056, 0.3110

Previews

White Background



This preview shows how the Yxy color 41.4130, 0.3957, 0.3202 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 41.4130, 0.3957, 0.3202 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 41.4130, 0.3957, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 41.4130, 0.3957, 0.3202.



This preview shows how white text looks on a background with the Yxy color 41.4130, 0.3957, 0.3202.

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

41.4130, 0.3957, 0.3202

Protanopia

41.7167, 0.3197, 0.3331

Deuteranopia

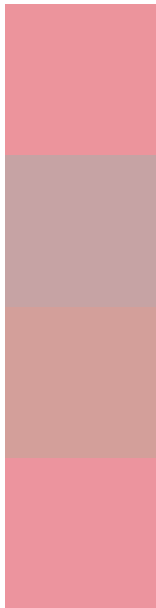
41.4427, 0.3542, 0.3461



Tritanopia

41.5159, 0.3925, 0.3168

Trichromacy



Original Color

41.4130, 0.3957, 0.3202

Protanomaly

40.8805, 0.3455, 0.3278

Deuteranomaly

40.9783, 0.3691, 0.3354

Tritanomaly

41.4813, 0.3936, 0.3179

Monochromacy



Original Color

41.4130, 0.3957, 0.3202

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.6077, 0.3404, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4130, 0.3957, 0.3202 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(236, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(236, 148, 156)  
}
```

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(236, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 148, 156) }
```

Border

The CSS property to change the border of an element to Yxy 41.4130, 0.3957, 0.3202 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(236, 148, 156) }
```

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

```
.border{ border-color:rgb(236, 148, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(236, 148,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4130, 0.3957, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 148, 156) }
```

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

```
.background{ background-color: rgb(236,  
148, 156) }
```

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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