

Converting Colors

$Y_{xy}(41.6187, 0.3956, 0.3191)$

Have a look what the booklet for
Yxy(41.6187, 0.3956, 0.3191)
contains.

Yxy(41.6187, 0.3956, 0.3191)	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(41.6187, 0.3956, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	ED949D
RGB	237, 148, 157
RGB Percent	93%, 58%, 62%
CMY	0.0707, 0.4195, 0.3843
CMYK	0.00, 0.38, 0.34, 0.07
HSL	354°, 71%, 75%
HSV	354°, 38%, 93%
XYZ	51.5962, 41.6187, 37.2103
YIQ	175.6370, 50.1550, 21.6670

Conversions

Conversions Part 2

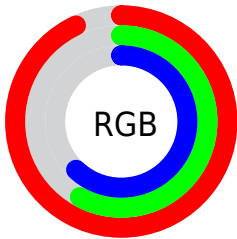
Format	Color
R _Y B	237, 148, 157
Decimal	15570077
CIE Lab	70.61, 34.57, 9.49
CIE LCh	71, 35.850, 15.356
Yxy	41.6187, 0.3956, 0.3191
Android (android.graphics.Color)	4293760157 (0xFFED949D)
YUV	175.6370, -9.1880, 53.8154
Hunter-Lab	64.5126, 29.8648, 10.9608

Details

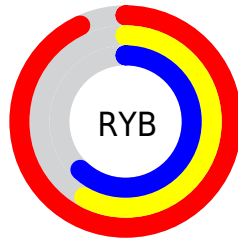
The Yxy color **41.6187, 0.3956, 0.3191** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.4574, 0.2648, 0.3396**, and the grayscale version is **43.2479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6750, 0.3475, 0.3209**, and **18.9901, 0.4206, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **34.2655, 0.4306, 0.3167**, and if you desaturate by 10%, it is **50.6246, 0.3667, 0.3218**.

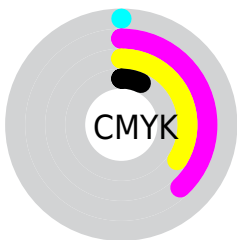
Distribution



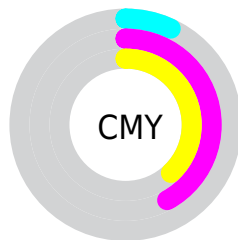
- Red (93%)
- Green (58%)
- Blue (62%)



- Red (93%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (7%)




- Cyan (7%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6187, 0.3956, 0.3191 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 41.6187, 0.3956, 0.3191 by changing the saturation by 10% instead.


 41.6187, 0.3956,
0.3191

 41.6187, 0.3956,
0.3191


352.8999, 0.3530,
0.3251

 28.8028, 0.4065,
0.3173


 77.6222, 0.3799,
0.3215

 18.9317, 0.4207,
0.3147


 101.5787, 0.3741,
0.3224

 11.6210, 0.4399,
0.3110


130.0174, 0.3692,
0.3230

 6.4861, 0.4670,
0.3051

163.3229, 0.3650,
0.3236

 3.1429, 0.5080,
0.2950

201.8795, 0.3614,
0.3241

 1.2068, 0.5812,
0.2774

246.0716, 0.3582,

 0.0672, 0.9312,

0.3245

0.0688

296.2836, 0.3555,
0.3248

0.0000, 0.0000,
0.0000

41.6187, 0.3956,
0.3191

41.6187, 0.3956,
0.3191

34.2655, 0.4306,
0.3167

50.6246, 0.3667,
0.3218

28.4590, 0.4715,
0.3150

61.3690, 0.3432,
0.3245

24.0901, 0.5164,
0.3146

73.9386, 0.3244,
0.3271

21.0331, 0.5612,
0.3159

88.4129, 0.3093,
0.3296

19.1406, 0.5996,
0.3192

96.7416, 0.3017,
0.3290

■ 18.2176, 0.6258,
0.3238

■ 18.0672, 0.6304,
0.3247

Harmonies

Analogous

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



41.6187, 0.3505, 0.2825



41.6187, 0.3956, 0.3191



41.6187, 0.4164, 0.3601

Triad

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



41.6187, 0.3956, 0.3191



41.6187, 0.3211, 0.4177



41.6187, 0.2252, 0.2551

Complementary

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



41.6187, 0.3956, 0.3191



72.4574, 0.2648, 0.3396

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.



41.6187, 0.2191, 0.2842



41.6187, 0.3956, 0.3191



41.6187, 0.2716, 0.3829

Square

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



41.6187, 0.3956, 0.3191



41.6187, 0.3706, 0.4212



41.6187, 0.2351, 0.3311



41.6187, 0.2525, 0.2464

Rectangle

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



41.6187, 0.3956, 0.3191



41.6187, 0.4129, 0.3862



41.6187, 0.2351, 0.3311



41.6187, 0.2207, 0.2625

Sweetspot

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



41.6207, 0.3956, 0.3191



81.8717, 0.3305, 0.3262



43.5648, 0.3080, 0.2336



17.0863, 0.3330, 0.3259



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.



41.6207, 0.3956, 0.3191



42.3509, 0.4218, 0.3172



53.6453, 0.3904, 0.3673



15.0788, 0.3277, 0.3267



9.8744, 0.6281, 0.3234



0.7837, 0.6019, 0.3090

Inverse Universe

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



41.6207, 0.3956, 0.3191



42.3509, 0.4218, 0.3172



55.0656, 0.2542, 0.2867



15.0788, 0.3277, 0.3267



9.8744, 0.6281, 0.3234



0.7837, 0.6019, 0.3090

Previews

White Background



This preview shows how the Yxy color 41.6187, 0.3956, 0.3191 looks on a white background.

Color Contrast Check

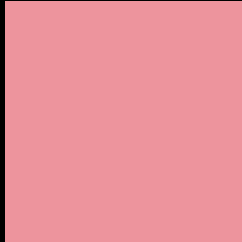
Large Text (above 18pt) WCAG AA × Fail

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 41.6187, 0.3956, 0.3191 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 41.6187, 0.3956, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 41.6187, 0.3956, 0.3191.



This preview shows how white text looks on a background with the Yxy color 41.6187, 0.3956, 0.3191.

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

41.6187, 0.3956, 0.3191

Protanopia

41.7544, 0.3189, 0.3317

Deuteranopia

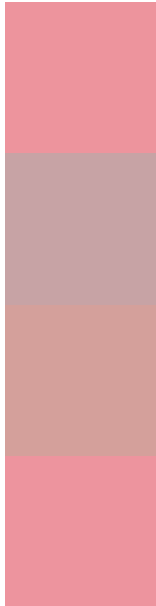
41.8408, 0.3529, 0.3460



Tritanopia

41.6875, 0.3935, 0.3168

Trichromacy



Original Color

41.6187, 0.3956, 0.3191

Protanomaly

41.0531, 0.3455, 0.3265

Deuteranomaly

41.5052, 0.3688, 0.3354

Tritanomaly

41.6530, 0.3945, 0.3180

Monochromacy



Original Color

41.6187, 0.3956, 0.3191

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.1428, 0.3402, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6187, 0.3956, 0.3191 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(237, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(237, 148, 157)  
}
```

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(237, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 148, 157) }
```

Border

The CSS property to change the border of an element to Yxy 41.6187, 0.3956, 0.3191 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(237, 148, 157) }
```

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

```
.border{ border-color:rgb(237, 148, 157) }
```

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

Here you see how a box with a 4 pixel rgb(237, 148, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(237, 148,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6187, 0.3956, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 148, 157) }
```

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

```
.background{ background-color: rgb(237,  
148, 157) }
```

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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