

Converting Colors

$Yxy(41.1931, 0.4082, 0.3315)$

Have a look what the booklet for
Yxy(41.1931, 0.4082, 0.3315)
contains.

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Color

Yxy(41.2597, 0.4074, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	ED9492
RGB	237, 148, 146
RGB Percent	93%, 58%, 57%
CMY	0.0706, 0.4196, 0.4273
CMYK	0.00, 0.38, 0.38, 0.07
HSL	1°, 72%, 75%
HSV	1°, 38%, 93%
XYZ	50.7065, 41.2597, 32.4975
YIQ	174.3830, 53.6860, 18.2460

Conversions

Conversions Part 2

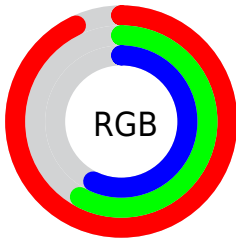
Format	Color
R _Y B	237, 148, 146
Decimal	15570066
CIE Lab	70.36, 33.29, 15.23
CIE LCh	70, 36.609, 24.591
Yxy	41.2597, 0.4074, 0.3315
Android (android.graphics.Color)	4293760146 (0xFFED9492)
YUV	174.3830, -13.9928, 54.9151
Hunter-Lab	64.2337, 28.5000, 14.9673

Details

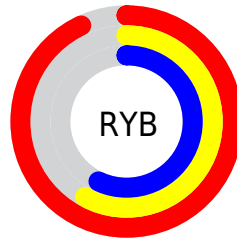
The Yxy color **41.2597, 0.4074, 0.3315** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.6654, 0.2591, 0.3265**, and the grayscale version is **42.5895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1420, 0.3560, 0.3322**, and **18.7940, 0.4361, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **34.0388, 0.4466, 0.3321**, and if you desaturate by 10%, it is **50.0944, 0.3748, 0.3308**.

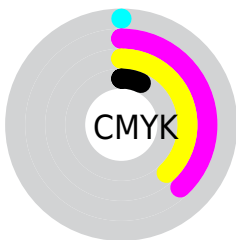
Distribution



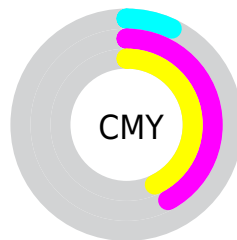
- Red (93%)
- Green (58%)
- Blue (57%)



- Red (93%)
- Yellow (58%)
- Blue (57%)



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




- Cyan (7%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2597, 0.4074, 0.3315 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 41.2597, 0.4074, 0.3315 by changing the saturation by 10% instead.


 41.2597, 0.4074,
0.3315

 41.2597, 0.4074,
0.3315


351.4049, 0.3586,
0.3318

 28.5221, 0.4199,
0.3309


 77.0780, 0.3894,
0.3320

 18.7196, 0.4362,
0.3299


 100.9274, 0.3827,
0.3320

 11.4678, 0.4581,
0.3279


129.2495, 0.3771,
0.3320

 6.3824, 0.4889,
0.3240

162.4288, 0.3723,
0.3320

 3.0790, 0.5350,
0.3158

200.8496, 0.3682,
0.3320

 1.1731, 0.6399,
0.3114

244.8962, 0.3646,

 0.0396, 0.9555,

0.3319

0.0445

294.9532, 0.3614,
0.3318

0.0000, 0.0000,
0.0000

41.2597, 0.4074,
0.3315

41.2597, 0.4074,
0.3315

34.0388, 0.4466,
0.3321

50.0944, 0.3748,
0.3308

28.3286, 0.4916,
0.3326

60.6258, 0.3484,
0.3301

24.0238, 0.5395,
0.3327

72.9383, 0.3272,
0.3295

21.0028, 0.5842,
0.3324

87.1089, 0.3102,
0.3289

19.1236, 0.6183,
0.3317

96.7455, 0.3017,
0.3290

■ 18.2066, 0.6368,
0.3309

■ 18.1169, 0.6389,
0.3309

Harmonies

Analogous

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



41.2597, 0.3674, 0.2920



41.2597, 0.4074, 0.3315



41.2597, 0.4190, 0.3733

Triad

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



41.2597, 0.4074, 0.3315



41.2597, 0.3049, 0.4121



41.2597, 0.2297, 0.2485

Complementary

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



41.2597, 0.4074, 0.3315



71.6654, 0.2591, 0.3265

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.



41.2597, 0.2166, 0.2717



41.2597, 0.4074, 0.3315



41.2597, 0.2572, 0.3687

Square

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



41.2597, 0.4074, 0.3315



41.2597, 0.3571, 0.4259



41.2597, 0.2259, 0.3149



41.2597, 0.2636, 0.2459

Rectangle

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



41.2597, 0.4074, 0.3315



41.2597, 0.4091, 0.3983



41.2597, 0.2259, 0.3149



41.2597, 0.2229, 0.2539

Sweetspot

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



41.2617, 0.4074, 0.3315



80.5479, 0.3344, 0.3297



44.5991, 0.3185, 0.2356



16.8284, 0.3371, 0.3298



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.



41.2617, 0.4074, 0.3315



41.9128, 0.4374, 0.3320



58.2368, 0.3875, 0.3812



15.1062, 0.3292, 0.3296



9.9149, 0.6385, 0.3313



0.7971, 0.6341, 0.3347

Inverse Universe

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



71.6654, 0.2591, 0.3265



82.5076, 0.2506, 0.3259



49.0562, 0.2506, 0.2698



17.0626, 0.2981, 0.3284



34.8336, 0.2228, 0.3222



2.7531, 0.2231, 0.3231

Previews

White Background



This preview shows how the Yxy color 41.2597, 0.4074, 0.3315 looks on a white background.

Color Contrast Check

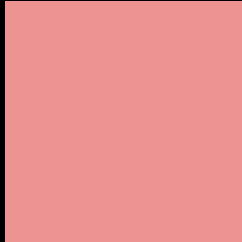
Large Text (above 18pt) WCAG AA × Fail

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 41.2597, 0.4074, 0.3315 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 41.2597, 0.4074, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 41.2597, 0.4074, 0.3315.



This preview shows how white text looks on a background with the Yxy color 41.2597, 0.4074, 0.3315.

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

41.2597, 0.4074, 0.3315

Protanopia

41.5574, 0.3311, 0.3482

Deuteranopia

41.3977, 0.3655, 0.3590



Tritanopia

41.1692, 0.3974, 0.3169

Trichromacy



Original Color

41.2597, 0.4074, 0.3315

Protanomaly

40.8068, 0.3570, 0.3408

Deuteranomaly

40.9560, 0.3811, 0.3478

Tritanomaly

41.3445, 0.4013, 0.3225

Monochromacy



Original Color

41.2597, 0.4074, 0.3315

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.4609, 0.3441, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2597, 0.4074, 0.3315 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(237, 148, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 148, 146) }
```

Border

The CSS property to change the border of an element to Yxy 41.2597, 0.4074, 0.3315 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, 146) }
```

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

```
.border{ border-color:rgb(237, 148, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 148, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 148, 146);  
box-shadow:4px 4px 4px 4px rgb(237, 148,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2597, 0.4074, 0.3315 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, 146) }
```

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

```
.background{ background-color: rgb(237,  
148, 146) }
```

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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