

Converting Colors

$Y_{xy}(41.8240, 0.4022, 0.3275)$

Have a look what the booklet for
Yxy(41.8240, 0.4022, 0.3275)
contains.

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Color

Yxy(41.7338, 0.4016, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	ED9597
RGB	237, 149, 151
RGB Percent	93%, 58%, 59%
CMY	0.0707, 0.4156, 0.4078
CMYK	0.00, 0.37, 0.36, 0.07
HSL	359°, 71%, 76%
HSV	359°, 37%, 93%
XYZ	51.2547, 41.7338, 34.6378
YIQ	175.5400, 51.8060, 19.2780

Conversions

Conversions Part 2

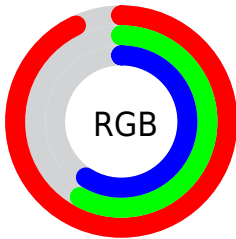
Format	Color
R _Y B	237, 149, 151
Decimal	15570327
CIE Lab	70.69, 33.32, 12.93
CIE LCh	71, 35.746, 21.207
Yxy	41.7338, 0.4016, 0.3270
Android (android.graphics.Color)	4293760407 (0xFFED9597)
YUV	175.5400, -12.0982, 53.9004
Hunter-Lab	64.6017, 28.5682, 13.4314

Details

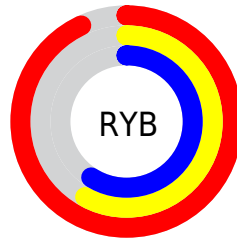
The Yxy color **41.7338, 0.4016, 0.3270** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.9459, 0.2618, 0.3312**, and the grayscale version is **43.2100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8535, 0.3519, 0.3281**, and **19.0532, 0.4292, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **34.3036, 0.4396, 0.3266**, and if you desaturate by 10%, it is **50.8414, 0.3702, 0.3275**.

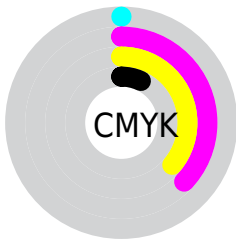
Distribution



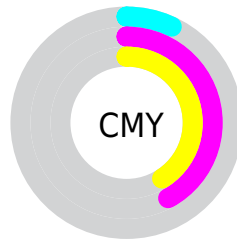
- Red (93%)
- Green (58%)
- Blue (59%)



- Red (93%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (37%)
- Yellow (36%)
- Black (7%)




- Cyan (7%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7338, 0.4016, 0.3270 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 41.7338, 0.4016, 0.3270 by changing the saturation by 10% instead.


 41.7338, 0.4016,
0.3270


 41.7338, 0.4016,
0.3270


353.3782, 0.3559,
0.3293

 28.8929, 0.4133,
0.3260


 77.7966, 0.3847,
0.3281

 18.9998, 0.4286,
0.3245


 101.7873, 0.3785,
0.3285

 11.6701, 0.4491,
0.3219


130.2633, 0.3732,
0.3287

 6.5195, 0.4780,
0.3176

163.6092, 0.3687,
0.3289

 3.1635, 0.5214,
0.3091

202.2092, 0.3649,
0.3291

 1.2177, 0.6078,
0.2981

246.4478, 0.3615,

 0.0761, 0.9210,

0.3292


0.0790

296.7093, 0.3585,
0.3292


 0.0000, 0.0000,
0.0000


 41.7338, 0.4016,
0.3270


 41.7338, 0.4016,
0.3270

 34.3036, 0.4396,
0.3266


 50.8414, 0.3702,
0.3275

 28.4430, 0.4838,
0.3263

 61.7136, 0.3449,
0.3281

 24.0410, 0.5315,
0.3264

 74.4387, 0.3246,
0.3286

 20.9698, 0.5772,
0.3269

 89.0976, 0.3084,
0.3291

 19.0793, 0.6136,
0.3279

 96.7414, 0.3017,
0.3290

■ 18.1762, 0.6346,
0.3290

■ 18.0132, 0.6383,
0.3290

Harmonies

Analogous

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



41.7338, 0.3603, 0.2891



41.7338, 0.4016, 0.3270



41.7338, 0.4164, 0.3679

Triad

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



41.7338, 0.4016, 0.3270



41.7338, 0.3110, 0.4128



41.7338, 0.2292, 0.2521

Complementary

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



41.7338, 0.4016, 0.3270



72.9459, 0.2618, 0.3312

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.



41.7338, 0.2189, 0.2772



41.7338, 0.4016, 0.3270



41.7338, 0.2633, 0.3732

Square

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



41.7338, 0.4016, 0.3270



41.7338, 0.3614, 0.4227



41.7338, 0.2306, 0.3211



41.7338, 0.2603, 0.2473

Rectangle

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



41.7338, 0.4016, 0.3270



41.7338, 0.4090, 0.3929



41.7338, 0.2306, 0.3211



41.7338, 0.2234, 0.2581

Sweetspot

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



41.7358, 0.4016, 0.3270



81.7494, 0.3320, 0.3284



45.1138, 0.3145, 0.2365



17.0574, 0.3347, 0.3284



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.



41.7358, 0.4016, 0.3270



42.0682, 0.4317, 0.3266



57.0273, 0.3863, 0.3748



15.0596, 0.3289, 0.3285



9.8388, 0.6376, 0.3286



0.7745, 0.6309, 0.3249

Inverse Universe

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



41.7358, 0.4016, 0.3270



42.0682, 0.4317, 0.3266



51.9529, 0.2535, 0.2778



15.0596, 0.3289, 0.3285



9.8388, 0.6376, 0.3286



0.7745, 0.6309, 0.3249

Previews

White Background



This preview shows how the Yxy color 41.7338, 0.4016, 0.3270 looks on a white background.

Color Contrast Check

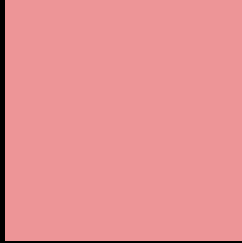
Large Text (above 18pt) WCAG AA × Fail

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 41.7338, 0.4016, 0.3270 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 41.7338, 0.4016, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 41.7338, 0.4016, 0.3270.



This preview shows how white text looks on a background with the Yxy color 41.7338, 0.4016, 0.3270.

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

41.7338, 0.4016, 0.3270

Protanopia

42.1152, 0.3266, 0.3426

Deuteranopia

41.9177, 0.3605, 0.3538



Tritanopia

41.8602, 0.3945, 0.3169

Trichromacy



Original Color

41.7338, 0.4016, 0.3270

Protanomaly

41.3335, 0.3519, 0.3356

Deuteranomaly

41.4577, 0.3757, 0.3428

Tritanomaly

41.7573, 0.3977, 0.3203

Monochromacy



Original Color

41.7338, 0.4016, 0.3270

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.0682, 0.3421, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7338, 0.4016, 0.3270 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, 149, 151)` looks like.

```
.text, #text, p{  
    color:rgb(237, 149, 151)  
}
```

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, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 149, 151) }
```

Border

The CSS property to change the border of an element to Yxy 41.7338, 0.4016, 0.3270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

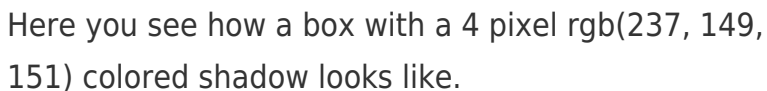
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 149, 151) }
```

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

```
.border{ border-color:rgb(237, 149, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 149, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 149, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 149, 151); box-shadow:4px 4px 4px 4px rgb(237, 149, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7338, 0.4016, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 149, 151) }
```

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

```
.background{ background-color: rgb(237,  
149, 151) }
```

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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