

Converting Colors

$Yxy(41.9117, 0.3973, 0.3350)$

Have a look what the booklet for
Yxy(41.9117, 0.3973, 0.3350)
contains.

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Color

Yxy(41.9095, 0.3973, 0.3350)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E79994 |
| RGB | 231, 153, 148 |
| RGB Percent | 91%, 60%, 58% |
| CMY | 0.0939, 0.4001, 0.4196 |
| CMYK | 0.00, 0.34, 0.36, 0.09 |
| HSL | 4°, 63%, 74% |
| HSV | 4°, 36%, 91% |
| XYZ | 49.7034, 41.9095, 33.4901 |
| YIQ | 175.7520, 48.0930, 14.9810 |

Conversions

Conversions Part 2

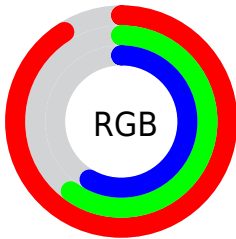
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 153, 148 |
| Decimal | 15178132 |
| CIE Lab | 70.81, 28.65, 14.67 |
| CIE LCh | 71, 32.188, 27.104 |
| Yxy | 41.9095, 0.3973, 0.3350 |
| Android (android.graphics.Color) | 4293368212 (0xFFE79994) |
| YUV | 175.7520, -13.6817, 48.4525 |
| Hunter-Lab | 64.7375, 23.7559, 14.6443 |

Details

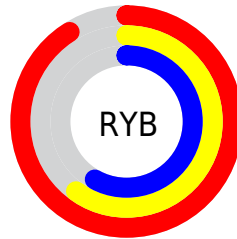
The Yxy color **41.9095, 0.3973, 0.3350** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.5029, 0.2615, 0.3228**, and the grayscale version is **43.3354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6360, 0.3534, 0.3353**, and **19.0547, 0.4232, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **34.7775, 0.4338, 0.3366**, and if you desaturate by 10%, it is **50.4857, 0.3671, 0.3333**.

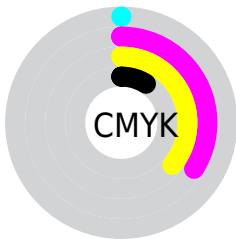
Distribution



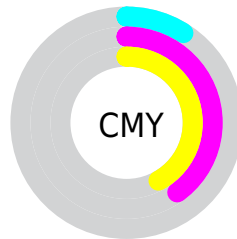
- Red (91%)
- Green (60%)
- Blue (58%)



- Red (91%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (36%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9095, 0.3973, 0.3350 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 41.9095, 0.3973, 0.3350 by changing the saturation by 10% instead.


 41.9095, 0.3973,
0.3350


 41.9095, 0.3973,
0.3350

354.1076, 0.3538,
0.3332

 29.0304, 0.4085,
0.3350


 78.0626, 0.3813,
0.3347

 19.1038, 0.4230,
0.3348


 102.1055, 0.3753,
0.3344

 11.7453, 0.4424,
0.3340


130.6384, 0.3703,
0.3342

 6.5705, 0.4700,
0.3320

164.0458, 0.3660,
0.3340

 3.1950, 0.5113,
0.3269

202.7120, 0.3623,
0.3338

 1.2344, 0.6013,
0.3255

247.0214, 0.3591,

 0.0895, 0.8976,

0.3336

0.1024

297.3585, 0.3563,
0.3334

0.0000, 0.0000,
0.0000

41.9095, 0.3973,
0.3350

41.9095, 0.3973,
0.3350

34.7775, 0.4338,
0.3366

50.4857, 0.3671,
0.3333

29.0047, 0.4762,
0.3378

60.5731, 0.3425,
0.3315

24.5063, 0.5225,
0.3384

72.2417, 0.3226,
0.3299

21.1860, 0.5681,
0.3378

85.5553, 0.3066,
0.3284

18.9331, 0.6062,
0.3360

95.7368, 0.2982,
0.3290

■ 17.6165, 0.6305,
0.3333

■ 17.3064, 0.6367,
0.3326

Harmonies

Analogous

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



41.9095, 0.3642, 0.2992



41.9095, 0.3973, 0.3350



41.9095, 0.4053, 0.3719

Triad

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



41.9095, 0.3973, 0.3350



41.9095, 0.3025, 0.3985



41.9095, 0.2412, 0.2571

Complementary

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



41.9095, 0.3973, 0.3350



66.5029, 0.2615, 0.3228

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.



41.9095, 0.2278, 0.2766



41.9095, 0.3973, 0.3350



41.9095, 0.2612, 0.3598

Square

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



41.9095, 0.3973, 0.3350



41.9095, 0.3486, 0.4135



41.9095, 0.2346, 0.3135



41.9095, 0.2729, 0.2559

Rectangle

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



41.9095, 0.3973, 0.3350



41.9095, 0.3956, 0.3931



41.9095, 0.2346, 0.3135



41.9095, 0.2345, 0.2615

Sweetspot

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



41.9115, 0.3973, 0.3350



82.6371, 0.3322, 0.3307



43.7199, 0.3205, 0.2441



17.2667, 0.3350, 0.3310



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.



41.9115, 0.3973, 0.3350



45.7441, 0.4233, 0.3362



57.5767, 0.3805, 0.3808



14.5057, 0.3291, 0.3305



9.7565, 0.6356, 0.3335



0.7701, 0.6233, 0.3433

Inverse Universe

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



66.5029, 0.2615, 0.3228



80.6742, 0.2530, 0.3214



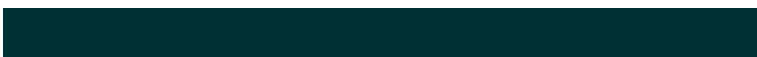
46.9247, 0.2542, 0.2707



16.1807, 0.2982, 0.3275



31.1706, 0.2195, 0.3103



2.3485, 0.2203, 0.3132

Previews

White Background



This preview shows how the Yxy color 41.9095, 0.3973, 0.3350 looks on a white background.

Color Contrast Check

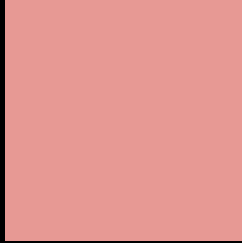
Large Text (above 18pt) WCAG AA × Fail

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 41.9095, 0.3973, 0.3350 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 41.9095, 0.3973, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 41.9095, 0.3973, 0.3350.



This preview shows how white text looks on a background with the Yxy color 41.9095, 0.3973, 0.3350.

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

41.9095, 0.3973, 0.3350

Protanopia

42.0591, 0.3318, 0.3495

Deuteranopia

41.9611, 0.3643, 0.3576



Tritanopia

41.8977, 0.3843, 0.3166

Trichromacy



Original Color

41.9095, 0.3973, 0.3350

Protanomaly

41.7476, 0.3552, 0.3446

Deuteranomaly

41.7649, 0.3760, 0.3491

Tritanomaly

42.0466, 0.3892, 0.3235

Monochromacy



Original Color

41.9095, 0.3973, 0.3350

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.4942, 0.3407, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9095, 0.3973, 0.3350 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(231, 153, 148)` looks like.

```
.text, #text, p{  
    color:rgb(231, 153, 148)  
}
```

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(231, 153, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 153, 148) }
```

Border

The CSS property to change the border of an element to Yxy 41.9095, 0.3973, 0.3350 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(231, 153, 148) }
```

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

```
.border{ border-color:rgb(231, 153, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 153, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 153, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 153, 148);  
box-shadow:4px 4px 4px 4px rgb(231, 153,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9095, 0.3973, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 153, 148) }
```

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

```
.background{ background-color: rgb(231,  
153, 148) }
```

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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