

Converting Colors

Yxy(40.9916, 0.4059, 0.3346)

Have a look what the booklet for
Yxy(40.9916, 0.4059, 0.3346)
contains.

Yxy(41.0009, 0.4062, 0.3350)	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(41.0009, 0.4062, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	EA9590
RGB	234, 149, 144
RGB Percent	92%, 58%, 56%
CMY	0.0823, 0.4157, 0.4353
CMYK	0.00, 0.36, 0.38, 0.08
HSL	3°, 68%, 74%
HSV	3°, 38%, 92%
XYZ	49.7151, 41.0009, 31.6747
YIQ	173.8450, 52.2650, 16.4650

Conversions

Conversions Part 2

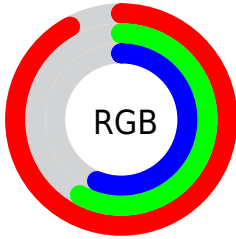
Format	Color
R _Y B	234, 149, 144
Decimal	15373712
CIE Lab	70.18, 31.41, 16.06
CIE LCh	70, 35.277, 27.082
Yxy	41.0009, 0.4062, 0.3350
Android (android.graphics.Color)	4293563792 (0xFFEA9590)
YUV	173.8450, -14.7136, 52.7559
Hunter-Lab	64.0319, 26.5335, 15.4933

Details

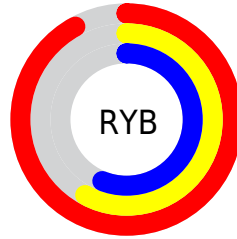
The Yxy color **41.0009, 0.4062, 0.3350** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.9078, 0.2585, 0.3228**, and the grayscale version is **42.3014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5229, 0.3574, 0.3353**, and **18.5876, 0.4345, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **34.0184, 0.4444, 0.3364**, and if you desaturate by 10%, it is **49.4623, 0.3743, 0.3334**.

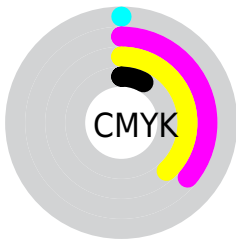
Distribution



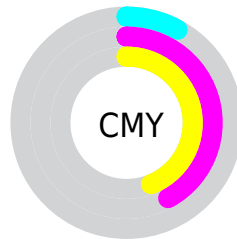
- Red (92%)
- Green (58%)
- Blue (56%)



- Red (92%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (38%)
- Black (8%)



- Cyan (8%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0009, 0.4062, 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 41.0009, 0.4062, 0.3350 by changing the saturation by 10% instead.

 41.0009, 0.4062,
0.3350

 41.0009, 0.4062,
0.3350

350.3244, 0.3580,
0.3335

 28.3198, 0.4186,
0.3349


 76.6853, 0.3884,
0.3348

 18.5669, 0.4347,
0.3343


 100.4573, 0.3818,
0.3347

 11.3577, 0.4564,
0.3331


128.6951, 0.3762,
0.3345

 6.3080, 0.4870,
0.3301

161.7831, 0.3715,
0.3343

 3.0332, 0.5327,
0.3232

200.1056, 0.3674,
0.3341

 1.1491, 0.6455,
0.3251

244.0470, 0.3639,

 0.0195, 0.9757,

0.3339

0.0243

293.9918, 0.3607,
0.3337

0.0000, 0.0000,
0.0000

41.0009, 0.4062,
0.3350

41.0009, 0.4062,
0.3350

34.0184, 0.4444,
0.3364

49.4623, 0.3743,
0.3334

28.4243, 0.4883,
0.3375

59.4743, 0.3483,
0.3318

24.1275, 0.5352,
0.3377

71.1111, 0.3273,
0.3302

21.0237, 0.5796,
0.3369

84.4407, 0.3104,
0.3288

18.9924, 0.6145,
0.3350

96.2343, 0.2999,
0.3290

■ 17.8850, 0.6348,
0.3325

■ 17.7828, 0.6370,
0.3324

Harmonies

Analogous

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



41.0009, 0.3695, 0.2962



41.0009, 0.4062, 0.3350



41.0009, 0.4149, 0.3753

Triad

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



41.0009, 0.4062, 0.3350



41.0009, 0.3011, 0.4065



41.0009, 0.2343, 0.2501

Complementary

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



41.0009, 0.4062, 0.3350



67.9078, 0.2585, 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.



41.0009, 0.2198, 0.2711



41.0009, 0.4062, 0.3350



41.0009, 0.2559, 0.3630

Square

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



41.0009, 0.4062, 0.3350



41.0009, 0.3518, 0.4226



41.0009, 0.2271, 0.3115



41.0009, 0.2688, 0.2491

Rectangle

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



41.0009, 0.4062, 0.3350



41.0009, 0.4038, 0.3989



41.0009, 0.2271, 0.3115



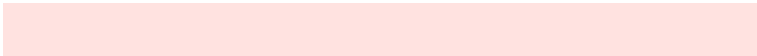
41.0009, 0.2271, 0.2548

Sweetspot

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



41.0029, 0.4062, 0.3350



81.1126, 0.3343, 0.3308



43.1234, 0.3211, 0.2382



16.9600, 0.3370, 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.



41.0029, 0.4062, 0.3350



43.1026, 0.4353, 0.3361



57.8696, 0.3864, 0.3845



15.1885, 0.3292, 0.3304



10.0486, 0.6360, 0.3332



0.8366, 0.6251, 0.3419

Inverse Universe

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



67.9078, 0.2585, 0.3228



80.0218, 0.2498, 0.3214



46.3583, 0.2499, 0.2657



16.9698, 0.2981, 0.3276



32.4530, 0.2199, 0.3116



2.5923, 0.2206, 0.3141

Previews

White Background



This preview shows how the Yxy color 41.0009, 0.4062, 0.3350 looks on a white background.

Color Contrast Check

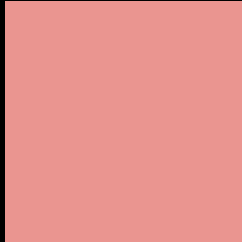
Large Text (above 18pt) WCAG AA × Fail

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 41.0009, 0.4062, 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 41.0009, 0.4062, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 41.0009, 0.4062, 0.3350.



This preview shows how white text looks on a background with the Yxy color 41.0009, 0.4062, 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

41.0009, 0.4062, 0.3350

Protanopia

41.0761, 0.3339, 0.3510

Deuteranopia

40.9755, 0.3678, 0.3604



Tritanopia

40.9982, 0.3930, 0.3167

Trichromacy



Original Color

41.0009, 0.4062, 0.3350

Protanomaly

40.5709, 0.3589, 0.3447

Deuteranomaly

40.7463, 0.3821, 0.3504

Tritanomaly

41.1419, 0.3979, 0.3236

Monochromacy



Original Color

41.0009, 0.4062, 0.3350

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2904, 0.3441, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0009, 0.4062, 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(234, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(234, 149, 144)  
}
```

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(234, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 149, 144) }
```

Border

The CSS property to change the border of an element to Yxy 41.0009, 0.4062, 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(234, 149, 144) }
```

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

```
.border{ border-color:rgb(234, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(234, 149,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0009, 0.4062, 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(234, 149, 144) }
```

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

```
.background{ background-color: rgb(234,  
149, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor