

Converting Colors

$Yxy(39.6173, 0.3965, 0.3304)$

Have a look what the booklet for
Yxy(39.6173, 0.3965, 0.3304)
contains.

Yxy(39.6173, 0.3965, 0.3304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6173, 0.3965, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	E39493
RGB	227, 148, 147
RGB Percent	89%, 58%, 58%
CMY	0.1097, 0.4197, 0.4235
CMYK	0.00, 0.35, 0.35, 0.11
HSL	1°, 59%, 73%
HSV	1°, 35%, 89%
XYZ	47.5432, 39.6173, 32.7466
YIQ	171.5070, 47.4050, 16.4370

Conversions

Conversions Part 2

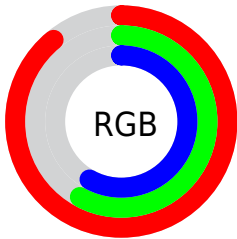
Format	Color
RYB	227, 148, 147
Decimal	14914707
CIELab	69.20, 29.68, 12.89
CIELCh	69, 32.359, 23.478
Yxy	39.6173, 0.3965, 0.3304
Android (android.graphics.Color)	4293104787 (0xFFE39493)
YUV	171.5070, -12.0820, 48.6674
Hunter-Lab	62.9423, 24.6802, 13.2131

Details

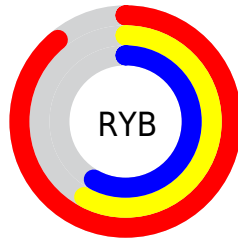
The Yxy color **39.6173, 0.3965, 0.3304** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1722, 0.2630, 0.3277**, and the grayscale version is **41.0384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1889, 0.3552, 0.3312**, and **17.6638, 0.4213, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **32.6096, 0.4337, 0.3308**, and if you desaturate by 10%, it is **48.1321, 0.3659, 0.3300**.

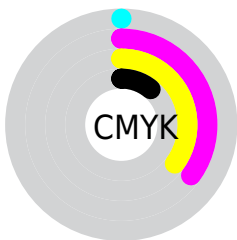
Distribution



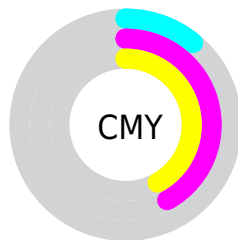
- Red (89%)
- Green (58%)
- Blue (58%)



- Red (89%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6173, 0.3965, 0.3304 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 39.6173, 0.3965, 0.3304 by changing the saturation by 10% instead.


 39.6173, 0.3965,
0.3304


 39.6173, 0.3965,
0.3304


344.5079, 0.3530,
0.3309

 27.2403, 0.4078,
0.3299


 74.5804, 0.3804,
0.3309

 17.7538, 0.4225,
0.3289


 97.9353, 0.3744,
0.3310

 10.7733, 0.4425,
0.3272


125.7182, 0.3694,
0.3310

 5.9146, 0.4711,
0.3239

158.3136, 0.3652,
0.3310

 2.7932, 0.5147,
0.3168

196.1059, 0.3615,
0.3310

 1.0248, 0.6201,
0.3160

239.4795, 0.3583,

 0.0000, 1.0000,

0.3310

0.0000

288.8187, 0.3555,
0.3309

0.0000, 0.0000,
0.0000

39.6173, 0.3965,
0.3304

39.6173, 0.3965,
0.3304

32.6096, 0.4337,
0.3308

48.1321, 0.3659,
0.3300

27.0159, 0.4772,
0.3312

58.2285, 0.3412,
0.3296

22.7419, 0.5248,
0.3314

69.9831, 0.3214,
0.3292

19.6792, 0.5714,
0.3314

83.4656, 0.3056,
0.3288

17.7026, 0.6096,
0.3311

95.0764, 0.2958,
0.3290

■ 16.6593, 0.6329,
0.3305

■ 16.3969, 0.6394,
0.3305

Harmonies

Analogous

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



39.6173, 0.3601, 0.2945



39.6173, 0.3965, 0.3304



39.6173, 0.4081, 0.3683

Triad

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



39.6173, 0.3965, 0.3304



39.6173, 0.3079, 0.4038



39.6173, 0.2368, 0.2568

Complementary

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



39.6173, 0.3965, 0.3304



66.1722, 0.2630, 0.3277

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.



39.6173, 0.2256, 0.2790



39.6173, 0.3965, 0.3304



39.6173, 0.2644, 0.3661

Square

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



39.6173, 0.3965, 0.3304



39.6173, 0.3547, 0.4154



39.6173, 0.2351, 0.3185



39.6173, 0.2672, 0.2535

Rectangle

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



39.6173, 0.3965, 0.3304



39.6173, 0.4002, 0.3909



39.6173, 0.2351, 0.3185



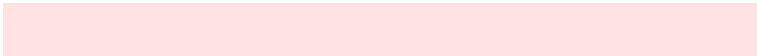
39.6173, 0.2308, 0.2621

Sweetspot

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



39.6192, 0.3965, 0.3304



81.9026, 0.3324, 0.3294



42.7535, 0.3168, 0.2419



17.0935, 0.3352, 0.3295



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.



39.6192, 0.3965, 0.3304



44.9579, 0.4219, 0.3307



53.9922, 0.3804, 0.3753



14.3962, 0.3292, 0.3293



9.5718, 0.6391, 0.3307



0.7174, 0.6365, 0.3328

Inverse Universe

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



66.1722, 0.2630, 0.3277



84.1904, 0.2550, 0.3274



47.3005, 0.2562, 0.2774



16.3044, 0.2982, 0.3287



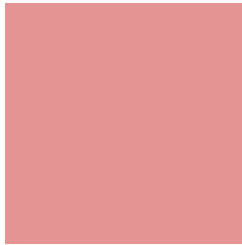
34.4062, 0.2236, 0.3250



2.5523, 0.2238, 0.3256

Previews

White Background



This preview shows how the Yxy color 39.6173, 0.3965, 0.3304 looks on a white background.

Color Contrast Check

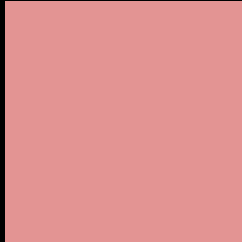
Large Text (above 18pt) WCAG AA × Fail

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 39.6173, 0.3965, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

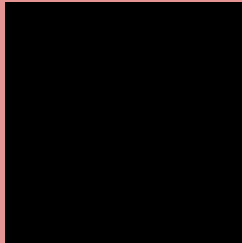
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6173, 0.3965, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 39.6173, 0.3965, 0.3304.



This preview shows how white text looks on a background with the Yxy color 39.6173, 0.3965, 0.3304.

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

39.6173, 0.3965, 0.3304

Protanopia

39.9585, 0.3278, 0.3443

Deuteranopia

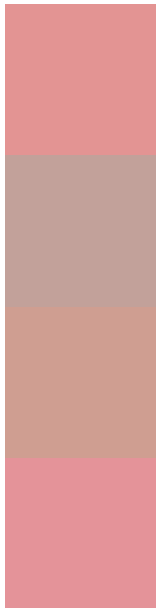
39.8101, 0.3616, 0.3543



Tritanopia

39.4861, 0.3874, 0.3164

Trichromacy



Original Color

39.6173, 0.3965, 0.3304

Protanomaly

39.2922, 0.3516, 0.3384

Deuteranomaly

39.7635, 0.3744, 0.3457

Tritanomaly

39.6613, 0.3914, 0.3222

Monochromacy



Original Color

39.6173, 0.3965, 0.3304

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0452, 0.3406, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6173, 0.3965, 0.3304 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(227, 148, 147)` looks like.

```
.text, #text, p{  
    color:rgb(227, 148, 147)  
}
```

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(227, 148, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 148, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.6173, 0.3965, 0.3304 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(227, 148, 147) }
```

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

```
.border{ border-color:rgb(227, 148, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 148, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 148, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 148, 147);  
box-shadow:4px 4px 4px 4px rgb(227, 148,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6173, 0.3965, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 148, 147) }
```

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

```
.background{ background-color: rgb(227,  
148, 147) }
```

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