

Converting Colors

$Yxy(38.9559, 0.4396, 0.3595)$

Have a look what the booklet for
Yxy(38.9559, 0.4396, 0.3595)
contains.

Yxy(39.0637, 0.4396, 0.3594)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0637, 0.4396, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	EC9075
RGB	236, 144, 117
RGB Percent	93%, 56%, 46%
CMY	0.0744, 0.4353, 0.5412
CMYK	0.00, 0.39, 0.50, 0.07
HSL	14°, 76%, 69%
HSV	14°, 50%, 93%
XYZ	47.7808, 39.0637, 21.8470
YIQ	168.4300, 63.4990, 11.1070

Conversions

Conversions Part 2

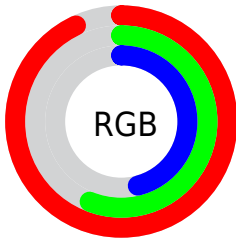
Format	Color
R _{YB}	236, 152, 117
Decimal	15503477
CIE Lab	68.80, 32.06, 29.12
CIE LCh	69, 43.307, 42.245
Yxy	39.0637, 0.4396, 0.3594
Android (android.graphics.Color)	4293693557 (0xFFEC9075)
YUV	168.4300, -25.3550, 59.2589
Hunter-Lab	62.5010, 27.0831, 23.0261

Details

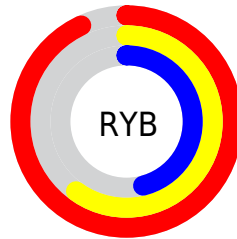
The Yxy color **39.0637, 0.4396, 0.3594** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **55.4454, 0.2403, 0.2943**, and the grayscale version is **39.4845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9714, 0.3818, 0.3605**, and **17.4188, 0.4788, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **33.4911, 0.4780, 0.3636**, and if you desaturate by 10%, it is **45.6735, 0.4054, 0.3538**.

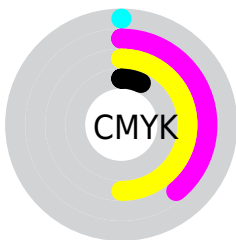
Distribution



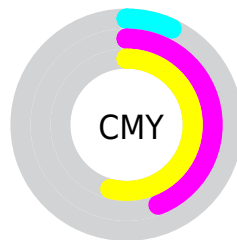
- Red (93%)
- Green (56%)
- Blue (46%)



- Red (93%)
- Yellow (60%)
- Blue (46%)



- Cyan (0%)
- Magenta (39%)
- Yellow (50%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0637, 0.4396, 0.3594 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 39.0637, 0.4396, 0.3594 by changing the saturation by 10% instead.


 39.0637, 0.4396,
0.3594


 39.0637, 0.4396,
0.3594


342.1612, 0.3740,
0.3472


 26.8093, 0.4563,
0.3612


 73.7356, 0.4155,
0.3558

 17.4300, 0.4776,
0.3627


 96.9219, 0.4065,
0.3542

 10.5416, 0.5058,
0.3632


 124.5210, 0.3989,
0.3528

 5.7595, 0.5440,
0.3610

156.9172, 0.3924,
0.3514

 2.6994, 0.6103,
0.3591

194.4949, 0.3869,
0.3502

 0.9769, 0.6762,
0.3238

237.6385, 0.3820,

 0.0000, 1.0000,

0.3491

0.0000

286.7325, 0.3778,
0.3482

0.0000, 0.0000,
0.0000

39.0637, 0.4396,
0.3594

39.0637, 0.4396,
0.3594

33.4911, 0.4780,
0.3636

45.6735, 0.4054,
0.3538

28.8963, 0.5186,
0.3654

53.3641, 0.3760,
0.3475

25.2224, 0.5579,
0.3637

62.1839, 0.3512,
0.3411

22.4042, 0.5914,
0.3581

72.1763, 0.3305,
0.3350

20.4333, 0.6149,
0.3500

83.3828, 0.3134,
0.3292

■ 95.6083, 0.3012,
0.3275

■ 96.5764, 0.3011,
0.3290

Harmonies

Analogous

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



39.0637, 0.4105, 0.3109



39.0637, 0.4396, 0.3594



39.0637, 0.4298, 0.4065

Triad

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



39.0637, 0.4396, 0.3594



39.0637, 0.2672, 0.4027



39.0637, 0.2349, 0.2294

Complementary

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



39.0637, 0.4396, 0.3594



55.4454, 0.2403, 0.2943

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.



39.0637, 0.2053, 0.2412



39.0637, 0.4396, 0.3594



39.0637, 0.2217, 0.3374

Square

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



39.0637, 0.4396, 0.3594



39.0637, 0.3280, 0.4427



39.0637, 0.2005, 0.2778



39.0637, 0.2869, 0.2398

Rectangle

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



39.0637, 0.4396, 0.3594



39.0637, 0.4045, 0.4316



39.0637, 0.2005, 0.2778



39.0637, 0.2224, 0.2307

Sweetspot

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



39.0657, 0.4396, 0.3594



80.3393, 0.3396, 0.3378



35.2206, 0.3439, 0.2302



16.6608, 0.3440, 0.3391



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.



39.0657, 0.4396, 0.3594



39.4261, 0.4812, 0.3639



61.4999, 0.4039, 0.4210



15.6084, 0.3287, 0.3344



11.4212, 0.6123, 0.3520



1.0385, 0.5858, 0.3731

Inverse Universe

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



55.4454, 0.2403, 0.2943



60.9303, 0.2284, 0.2854



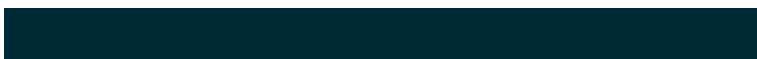
31.8794, 0.2246, 0.2138



16.5085, 0.2981, 0.3235



22.0857, 0.2040, 0.2542



1.8758, 0.2072, 0.2658

Previews

White Background



This preview shows how the Yxy color 39.0637, 0.4396, 0.3594 looks on a white background.

Color Contrast Check

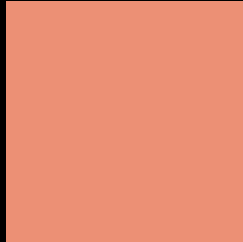
Large Text (above 18pt) WCAG AA × Fail

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 39.0637, 0.4396, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

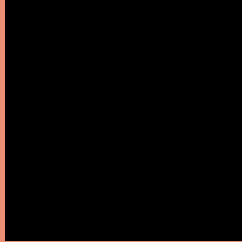
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0637, 0.4396, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 39.0637, 0.4396, 0.3594.



This preview shows how white text looks on a background with the Yxy color 39.0637, 0.4396, 0.3594.

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

39.0637, 0.4396, 0.3594

Protanopia

39.2409, 0.3607, 0.3862

Deuteranopia

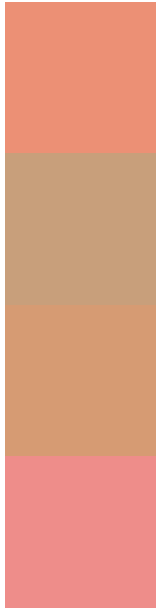
39.1222, 0.3973, 0.3898



Tritanopia

39.0180, 0.4089, 0.3170

Trichromacy



Original Color

39.0637, 0.4396, 0.3594

Protanomaly

38.5057, 0.3887, 0.3761

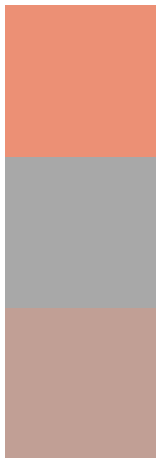
Deuteranomaly

38.9766, 0.4130, 0.3783

Tritanomaly

39.0619, 0.4205, 0.3327

Monochromacy



Original Color

39.0637, 0.4396, 0.3594

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3037, 0.3560, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0637, 0.4396, 0.3594 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(236, 144, 117)` looks like.

```
.text, #text, p{  
    color:rgb(236, 144, 117)  
}
```

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(236, 144, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 144, 117) }
```

Border

The CSS property to change the border of an element to Yxy 39.0637, 0.4396, 0.3594 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(236, 144, 117) }
```

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

```
.border{ border-color:rgb(236, 144, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 144, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 144, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 144, 117);  
box-shadow:4px 4px 4px 4px rgb(236, 144,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0637, 0.4396, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 144, 117) }
```

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

```
.background{ background-color: rgb(236,  
144, 117) }
```

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