

Converting Colors

$Y_{xy}(37.6071, 0.4316, 0.3435)$

Have a look what the booklet for
Yxy(37.6071, 0.4316, 0.3435)
contains.

Yxy(37.6338, 0.4320, 0.3440)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.6338, 0.4320, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	EB8B7E
RGB	235, 139, 126
RGB Percent	92%, 55%, 49%
CMY	0.0784, 0.4549, 0.5059
CMYK	0.00, 0.41, 0.46, 0.08
HSL	7°, 73%, 71%
HSV	7°, 46%, 92%
XYZ	47.2611, 37.6338, 24.5057
YIQ	166.2220, 61.3890, 16.3090

Conversions

Conversions Part 2

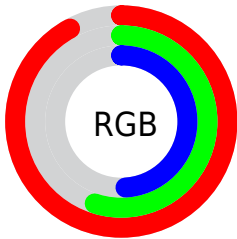
Format	Color
R _Y B	235, 141, 126
Decimal	15436670
CIE Lab	67.75, 35.13, 22.74
CIE LCh	68, 41.846, 32.918
Yxy	37.6338, 0.4320, 0.3440
Android (android.graphics.Color)	4293626750 (0xFFEB8B7E)
YUV	166.2220, -19.8294, 60.3183
Hunter-Lab	61.3464, 30.1596, 19.2582

Details

The Yxy color **37.6338, 0.4320, 0.3440** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6708, 0.2480, 0.3126**, and the grayscale version is **38.3223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0982, 0.3753, 0.3448**, and **16.5823, 0.4694, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **31.6622, 0.4727, 0.3464**, and if you desaturate by 10%, it is **44.8860, 0.3968, 0.3409**.

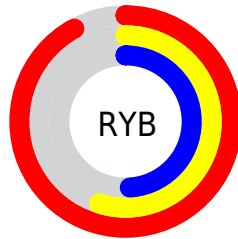
Distribution



Red (92%)

Green (55%)

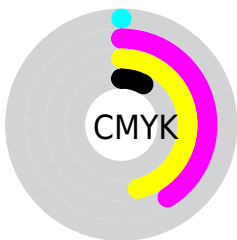
Blue (49%)



Red (92%)

Yellow (55%)

Blue (49%)

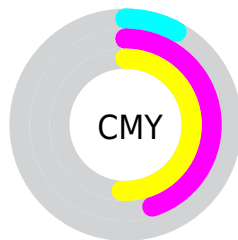


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (8%)



Cyan (8%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6338, 0.4320, 0.3440 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 37.6338, 0.4320, 0.3440 by changing the saturation by 10% instead.


 37.6338, 0.4320,
0.3440


 37.6338, 0.4320,
0.3440


336.0465, 0.3697,
0.3390


 25.6986, 0.4481,
0.3443


 71.5465, 0.4089,
0.3429

 16.5983, 0.4691,
0.3440


 94.2928, 0.4003,
0.3422

 9.9485, 0.4972,
0.3425


 121.4116, 0.3931,
0.3416

 5.3648, 0.5364,
0.3381

153.2872, 0.3871,
0.3410

 2.4629, 0.5979,
0.3287

190.3041, 0.3818,
0.3405

 0.8580, 0.6973,
0.3027

232.8467, 0.3772,

 0.0000, 1.0000,

0.3399

0.0000

281.2993, 0.3733,
0.3395

■ 0.0000, 0.0000,
0.0000

■ 37.6338, 0.4320,
0.3440

■ 37.6338, 0.4320,
0.3440

■ 31.6622, 0.4727,
0.3464

■ 44.8860, 0.3968,
0.3409

■ 26.8912, 0.5171,
0.3476

■ 53.4813, 0.3673,
0.3375

■ 23.2406, 0.5611,
0.3467

■ 63.4852, 0.3431,
0.3341

■ 20.6181, 0.5990,
0.3435

■ 74.9568, 0.3234,
0.3309

■ 18.9159, 0.6249,
0.3384

■ 87.9523, 0.3073,
0.3280

■ 18.4974, 0.6315,
0.3368

■ 96.4039, 0.3005,
0.3290

Harmonies

Analogous

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



37.6338, 0.3927, 0.2975



37.6338, 0.4320, 0.3440



37.6338, 0.4343, 0.3916

Triad

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



37.6338, 0.4320, 0.3440



37.6338, 0.2859, 0.4171



37.6338, 0.2249, 0.2325

Complementary

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



37.6338, 0.4320, 0.3440



62.6708, 0.2480, 0.3126

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.



37.6338, 0.2032, 0.2515



37.6338, 0.4320, 0.3440



37.6338, 0.2351, 0.3578

Square

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



37.6338, 0.4320, 0.3440



37.6338, 0.3469, 0.4437



37.6338, 0.2064, 0.2952



37.6338, 0.2696, 0.2362

Rectangle

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



37.6338, 0.4320, 0.3440



37.6338, 0.4158, 0.4192



37.6338, 0.2064, 0.2952



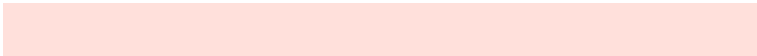
37.6338, 0.2150, 0.2362

Sweetspot

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



37.6357, 0.4320, 0.3440



79.4670, 0.3381, 0.3334



37.8708, 0.3299, 0.2274



16.4000, 0.3427, 0.3341



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.



37.6357, 0.4320, 0.3440



38.2013, 0.4721, 0.3464



57.4054, 0.4014, 0.4033



15.3437, 0.3290, 0.3319



10.3892, 0.6298, 0.3382



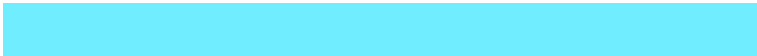
0.9107, 0.6095, 0.3543

Inverse Universe

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



62.6708, 0.2480, 0.3126



71.7967, 0.2378, 0.3086



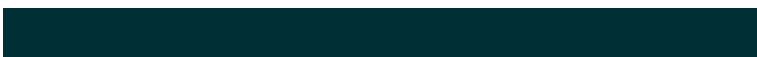
38.3560, 0.2348, 0.2398



16.7969, 0.2981, 0.3261



28.2828, 0.2142, 0.2910



2.3076, 0.2158, 0.2967

Previews

White Background



This preview shows how the Yxy color 37.6338, 0.4320, 0.3440 looks on a white background.

Color Contrast Check

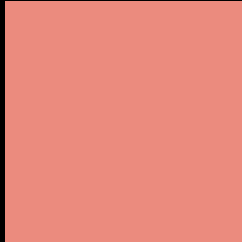
Large Text (above 18pt) WCAG AA × Fail

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 37.6338, 0.4320, 0.3440 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 37.6338, 0.4320, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 37.6338, 0.4320, 0.3440.



This preview shows how white text looks on a background with the Yxy color 37.6338, 0.4320, 0.3440.

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

37.6338, 0.4320, 0.3440

Protanopia

37.8592, 0.3466, 0.3674

Deuteranopia

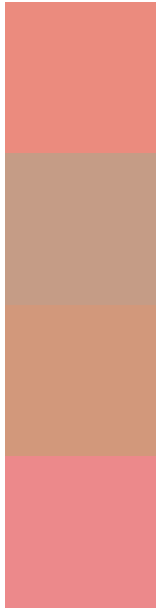
37.9372, 0.3856, 0.3782



Tritanopia

37.6882, 0.4128, 0.3181

Trichromacy



Original Color

37.6338, 0.4320, 0.3440

Protanomaly

37.3685, 0.3761, 0.3583

Deuteranomaly

37.5882, 0.4026, 0.3657

Tritanomaly

37.5883, 0.4194, 0.3271

Monochromacy



Original Color

37.6338, 0.4320, 0.3440

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0877, 0.3528, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6338, 0.4320, 0.3440 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(235, 139, 126)` looks like.

```
.text, #text, p{  
    color:rgb(235, 139, 126)  
}
```

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(235, 139, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 139, 126) }
```

Border

The CSS property to change the border of an element to Yxy 37.6338, 0.4320, 0.3440 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(235, 139, 126) }
```

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

```
.border{ border-color:rgb(235, 139, 126) }
```

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

Here you see how a box with a 4 pixel rgb(235, 139, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 139, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 139, 126);  
box-shadow:4px 4px 4px 4px rgb(235, 139,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6338, 0.4320, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 139, 126) }
```

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

```
.background{ background-color: rgb(235,  
139, 126) }
```

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