

Converting Colors

$Yxy(37.7158, 0.4330, 0.3486)$

Have a look what the booklet for
Yxy(37.7158, 0.4330, 0.3486)
contains.

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Color

Yxy(37.6787, 0.4337, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	EA8C7B
RGB	234, 140, 123
RGB Percent	92%, 55%, 48%
CMY	0.0823, 0.4510, 0.5176
CMYK	0.00, 0.40, 0.47, 0.08
HSL	9°, 73%, 70%
HSV	9°, 47%, 92%
XYZ	46.8903, 37.6787, 23.5478
YIQ	166.1680, 61.4810, 14.6410

Conversions

Conversions Part 2

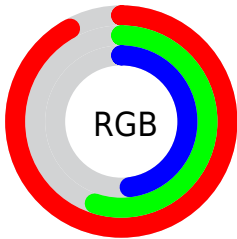
Format	Color
RYB	234, 143, 123
Decimal	15371387
CIELab	67.78, 33.95, 24.40
CIElCh	68, 41.807, 35.713
Yxy	37.6787, 0.4337, 0.3485
Android (android.graphics.Color)	4293561467 (0xFFEA8C7B)
YUV	166.1680, -21.2818, 59.4887
Hunter-Lab	61.3830, 28.9353, 20.2232

Details

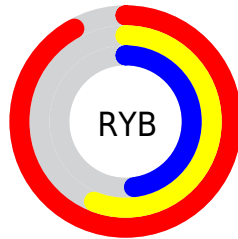
The Yxy color **37.6787, 0.4337, 0.3485** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.8038, 0.2460, 0.3074**, and the grayscale version is **38.3030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4248, 0.3775, 0.3490**, and **16.5878, 0.4718, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **31.8822, 0.4737, 0.3516**, and if you desaturate by 10%, it is **44.6626, 0.3988, 0.3446**.

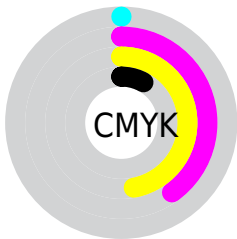
Distribution



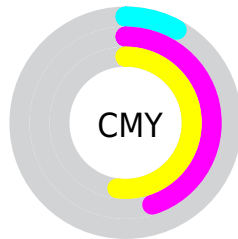
- Red (92%)
- Green (55%)
- Blue (48%)



- Red (92%)
- Yellow (56%)
- Blue (48%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (8%)





- Cyan (8%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6787, 0.4337, 0.3485 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 37.6787, 0.4337, 0.3485 by changing the saturation by 10% instead.


 37.6787, 0.4337,
0.3485


 37.6787, 0.4337,
0.3485


336.2397, 0.3706,
0.3414

 25.7334, 0.4500,
0.3493


 71.6154, 0.4103,
0.3466

 16.6243, 0.4711,
0.3496


 94.3756, 0.4016,
0.3457

 9.9670, 0.4994,
0.3487


 121.5096, 0.3944,
0.3448

 5.3771, 0.5386,
0.3450

153.4017, 0.3882,
0.3440

 2.4702, 0.6022,
0.3379

190.4364, 0.3829,
0.3433

 0.8616, 0.6916,
0.3084

232.9980, 0.3782,

 0.0000, 1.0000,

0.3426

0.0000

281.4710, 0.3742,
0.3419

0.0000, 0.0000,
0.0000

37.6787, 0.4337,
0.3485

37.6787, 0.4337,
0.3485

31.8822, 0.4737,
0.3516

44.6626, 0.3988,
0.3446

27.2013, 0.5169,
0.3529

52.8892, 0.3694,
0.3403

23.5650, 0.5597,
0.3519

62.4173, 0.3451,
0.3360


20.8916, 0.5965,
0.3479

73.3000, 0.3252,
0.3319

19.0858, 0.6221,
0.3416

85.5876, 0.3088,
0.3281

 18.7438, 0.6272,
0.3402

 96.2353, 0.2999,
0.3290

Harmonies

Analogous

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



37.6787, 0.3976, 0.3016



37.6787, 0.4337, 0.3485



37.6787, 0.4324, 0.3957

Triad

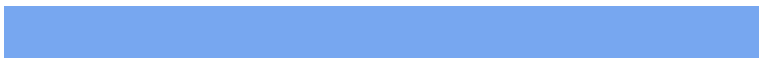
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.6787, 0.4337, 0.3485



37.6787, 0.2805, 0.4124



37.6787, 0.2282, 0.2320

Complementary

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



37.6787, 0.4337, 0.3485



59.8038, 0.2460, 0.3074

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.



37.6787, 0.2043, 0.2488



37.6787, 0.4337, 0.3485



37.6787, 0.2315, 0.3516

Square

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



37.6787, 0.4337, 0.3485



37.6787, 0.3412, 0.4429



37.6787, 0.2051, 0.2902



37.6787, 0.2749, 0.2377

Rectangle

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



37.6787, 0.4337, 0.3485



37.6787, 0.4120, 0.4224



37.6787, 0.2051, 0.2902



37.6787, 0.2176, 0.2350

Sweetspot

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



37.6806, 0.4337, 0.3485



80.1102, 0.3380, 0.3345



36.6961, 0.3340, 0.2287



16.5545, 0.3425, 0.3355



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.



37.6806, 0.4337, 0.3485



38.8465, 0.4730, 0.3515



58.0321, 0.4018, 0.4086



15.4258, 0.3289, 0.3327



10.6453, 0.6252, 0.3418



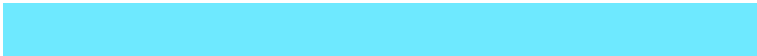
0.9496, 0.6018, 0.3603

Inverse Universe

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



59.8038, 0.2460, 0.3074



68.6638, 0.2355, 0.3022



35.9497, 0.2321, 0.2323



16.7066, 0.2981, 0.3253



26.2413, 0.2111, 0.2797



2.1667, 0.2131, 0.2873

Previews

White Background



This preview shows how the Yxy color 37.6787, 0.4337, 0.3485 looks on a white background.

Color Contrast Check

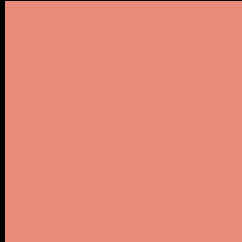
Large Text (above 18pt) WCAG AA × Fail

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 37.6787, 0.4337, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

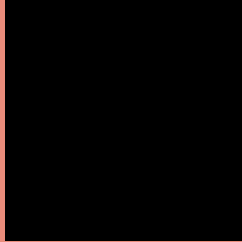
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6787, 0.4337, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 37.6787, 0.4337, 0.3485.



This preview shows how white text looks on a background with the Yxy color 37.6787, 0.4337, 0.3485.

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

37.6787, 0.4337, 0.3485

Protanopia

37.7735, 0.3494, 0.3717

Deuteranopia

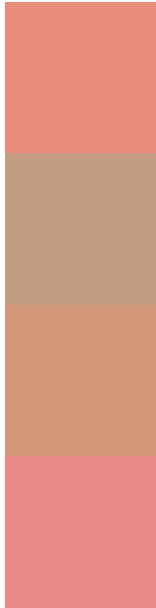
37.8881, 0.3875, 0.3808



Tritanopia

37.8308, 0.4102, 0.3180

Trichromacy



Original Color

37.6787, 0.4337, 0.3485

Protanomaly

37.1514, 0.3780, 0.3624

Deuteranomaly

37.5386, 0.4047, 0.3682

Tritanomaly

37.6741, 0.4190, 0.3293

Monochromacy



Original Color

37.6787, 0.4337, 0.3485

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3923, 0.3535, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6787, 0.4337, 0.3485 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, 140, 123)` looks like.

```
.text, #text, p{  
    color:rgb(234, 140, 123)  
}
```

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, 140, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 140, 123) }
```

Border

The CSS property to change the border of an element to Yxy 37.6787, 0.4337, 0.3485 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, 140, 123) }
```

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

```
.border{ border-color:rgb(234, 140, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 140, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 140, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 140, 123);  
box-shadow:4px 4px 4px 4px rgb(234, 140,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6787, 0.4337, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 140, 123) }
```

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

```
.background{ background-color: rgb(234,  
140, 123) }
```

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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