

Converting Colors

$Y_{xy}(37.9863, 0.4379, 0.3775)$

Have a look what the booklet for
Yxy(37.9863, 0.4379, 0.3775)
contains.

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Color

Yxy(37.9156, 0.4381, 0.3768)

Conversions

Conversions Part 1

Format	Color
Hex	E1936A
RGB	225, 147, 106
RGB Percent	88%, 58%, 42%
CMY	0.1177, 0.4235, 0.5844
CMYK	0.00, 0.35, 0.53, 0.12
HSL	21°, 66%, 65%
HSV	21°, 53%, 88%
XYZ	44.0839, 37.9156, 18.6257
YIQ	165.6480, 59.6490, 3.7850

Conversions

Conversions Part 2

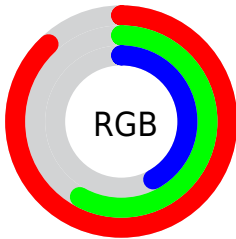
Format	Color
R _Y B	225, 169, 106
Decimal	14783338
CIE Lab	67.96, 25.15, 33.73
CIE LCh	68, 42.074, 53.297
Yxy	37.9156, 0.4381, 0.3768
Android (android.graphics.Color)	4292973418 (0xFFE1936A)
YUV	165.6480, -29.4065, 52.0517
Hunter-Lab	61.5756, 20.0364, 25.1686

Details

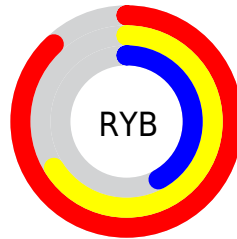
The Yxy color **37.9156, 0.4381, 0.3768** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.7647, 0.2336, 0.2724**, and the grayscale version is **38.0780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5019, 0.3898, 0.3739**, and **16.7782, 0.4741, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **33.2138, 0.4721, 0.3832**, and if you desaturate by 10%, it is **43.3316, 0.4069, 0.3684**.

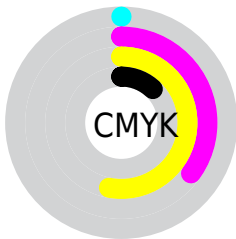
Distribution



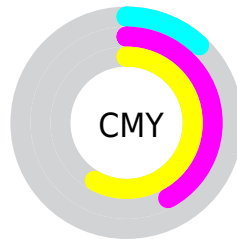
- Red (88%)
- Green (58%)
- Blue (42%)



- Red (88%)
- Yellow (66%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (12%)





- Cyan (12%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9156, 0.4381, 0.3768 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 37.9156, 0.4381, 0.3768 by changing the saturation by 10% instead.


 37.9156, 0.4381,
0.3768


 37.9156, 0.4381,
0.3768

337.2578, 0.3734,
0.3558


 25.9172, 0.4544,
0.3807


 71.9788, 0.4143,
0.3701


 16.7617, 0.4752,
0.3847

 94.8123, 0.4055,
0.3673

 10.0647, 0.5022,
0.3883


 122.0263, 0.3980,
0.3648

 5.4419, 0.5380,
0.3895

 154.0053, 0.3916,
0.3626

 2.5088, 0.6046,
0.3954

191.1335, 0.3861,
0.3606

 0.8810, 0.6463,
0.3537

233.7954, 0.3813,

 0.0000, 1.0000,

0.3588

0.0000

282.3753, 0.3771,
0.3572

0.0000, 0.0000,
0.0000

37.9156, 0.4381,
0.3768

37.9156, 0.4381,
0.3768

33.2138, 0.4721,
0.3832

43.3316, 0.4069,
0.3684

29.1886, 0.5073,
0.3865

49.4858, 0.3792,
0.3591

25.8069, 0.5409,
0.3852

56.4080, 0.3552,
0.3495

23.0298, 0.5699,
0.3789

64.1246, 0.3347,
0.3402

21.3935, 0.5870,
0.3721

72.6607, 0.3172,
0.3314

■ 82.0401, 0.3025,
0.3233

■ 91.7276, 0.2945,
0.3241

■ 94.7462, 0.2946,
0.3289

Harmonies

Analogous

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



37.9156, 0.4234, 0.3286



37.9156, 0.4381, 0.3768



37.9156, 0.4156, 0.4199

Triad

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



37.9156, 0.4381, 0.3768



37.9156, 0.2492, 0.3789



37.9156, 0.2528, 0.2324

Complementary

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



37.9156, 0.4381, 0.3768



42.7647, 0.2336, 0.2724

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.



37.9156, 0.2150, 0.2357



37.9156, 0.4381, 0.3768



37.9156, 0.2126, 0.3138

Square

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



37.9156, 0.4381, 0.3768



37.9156, 0.3051, 0.4305



37.9156, 0.2012, 0.2627



37.9156, 0.3103, 0.2499

Rectangle

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



37.9156, 0.4381, 0.3768



37.9156, 0.3847, 0.4390



37.9156, 0.2012, 0.2627



37.9156, 0.2377, 0.2311

Sweetspot

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



37.9175, 0.4381, 0.3768



81.7585, 0.3409, 0.3432



29.8272, 0.3620, 0.2400



17.0414, 0.3451, 0.3451



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.



37.9175, 0.4381, 0.3768



43.8024, 0.4740, 0.3835



60.7841, 0.4002, 0.4381



14.4693, 0.3283, 0.3371



12.5255, 0.5841, 0.3744



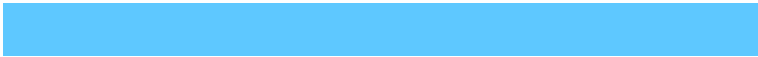
1.0311, 0.5544, 0.3980

Inverse Universe

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



42.7647, 0.2336, 0.2724



50.7490, 0.2206, 0.2587



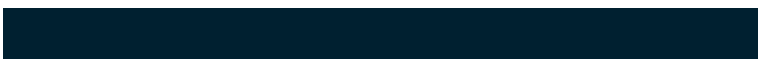
23.3742, 0.2163, 0.1875



14.7351, 0.2982, 0.3207



15.4606, 0.1924, 0.2125



1.2366, 0.1979, 0.2325

Previews

White Background



This preview shows how the Yxy color 37.9156, 0.4381, 0.3768 looks on a white background.

Color Contrast Check

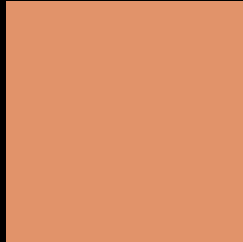
Large Text (above 18pt) WCAG AA × Fail

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 37.9156, 0.4381, 0.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

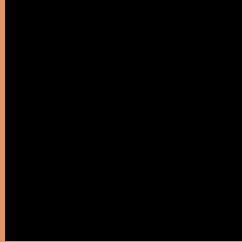
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9156, 0.4381, 0.3768

Background



This preview shows how black text looks on a background with the Yxy color 37.9156, 0.4381, 0.3768.



This preview shows how white text looks on a background with the Yxy color 37.9156, 0.4381, 0.3768.

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

37.9156, 0.4381, 0.3768

Protanopia

38.1906, 0.3732, 0.4016

Deuteranopia

38.2133, 0.4077, 0.3997



Tritanopia

37.9748, 0.3958, 0.3164

Trichromacy



Original Color

37.9156, 0.4381, 0.3768

Protanomaly

37.6797, 0.3961, 0.3924

Deuteranomaly

38.1642, 0.4186, 0.3911

Tritanomaly

37.8882, 0.4129, 0.3387

Monochromacy



Original Color

37.9156, 0.4381, 0.3768

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3747, 0.3548, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9156, 0.4381, 0.3768 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(225, 147, 106)` looks like.

```
.text, #text, p{  
    color:rgb(225, 147, 106)  
}
```

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(225, 147, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 147, 106) }
```

Border

The CSS property to change the border of an element to Yxy 37.9156, 0.4381, 0.3768 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(225, 147, 106) }
```

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

```
.border{ border-color:rgb(225, 147, 106) }
```

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

Here you see how a box with a 4 pixel rgb(225, 147, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 147, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 147, 106);  
box-shadow:4px 4px 4px 4px rgb(225, 147,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9156, 0.4381, 0.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 147, 106) }
```

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

```
.background{ background-color: rgb(225,  
147, 106) }
```

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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