

Converting Colors

$Yxy(42.4816, 0.4386, 0.3861)$

Have a look what the booklet for
Yxy(42.4816, 0.4386, 0.3861)
contains.

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Color

Yxy(42.4782, 0.4386, 0.3861)

Conversions

Conversions Part 1

Format	Color
Hex	E99D6A
RGB	233, 157, 106
RGB Percent	91%, 62%, 42%
CMY	0.0864, 0.3842, 0.5844
CMYK	0.00, 0.33, 0.55, 0.09
HSL	24°, 74%, 66%
HSV	24°, 55%, 91%
XYZ	48.2542, 42.4782, 19.2863
YIQ	173.9100, 61.6670, 0.2510

Conversions

Conversions Part 2

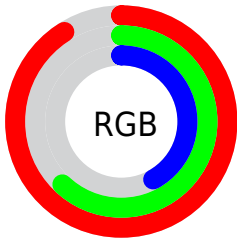
Format	Color
R_{YB}	233, 191, 106
Decimal	15310186
CIE Lab	71.20, 23.01, 38.02
CIE LCh	71, 44.446, 58.815
Yxy	42.4782, 0.4386, 0.3861
Android (android.graphics.Color)	4293500266 (0xFFE99D6A)
YUV	173.9100, -33.4796, 51.8219
Hunter-Lab	65.1753, 18.1002, 28.0780

Details

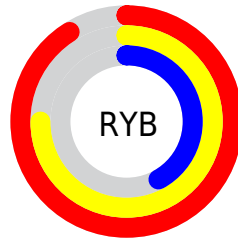
The Yxy color **42.4782, 0.4386, 0.3861** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.3701, 0.2292, 0.2599**, and the grayscale version is **42.4307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8156, 0.3855, 0.3848**, and **19.3972, 0.4741, 0.3956** is the 20% darker color. If you saturate the color by 10%, you get **37.6101, 0.4705, 0.3934**, and if you desaturate by 10%, it is **48.0199, 0.4087, 0.3765**.

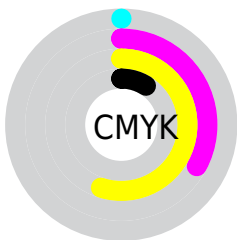
Distribution



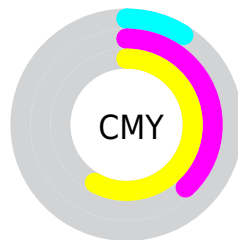
- Red (91%)
- Green (62%)
- Blue (42%)



- Red (91%)
- Yellow (75%)
- Blue (42%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (9%)




- Cyan (9%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4782, 0.4386, 0.3861 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 42.4782, 0.4386, 0.3861 by changing the saturation by 10% instead.

 42.4782, 0.4386,
0.3861


 42.4782, 0.4386,
0.3861


356.4614, 0.3751,
0.3610


 29.4759, 0.4540,
0.3909


 78.9228, 0.4157,
0.3780

 19.4411, 0.4733,
0.3959


 103.1340, 0.4070,
0.3747

 11.9895, 0.4979,
0.4008


 131.8502, 0.3997,
0.3717

 6.7365, 0.5295,
0.4040

 165.4560, 0.3934,
0.3691

 3.2979, 0.5870,
0.4130

204.3355, 0.3879,
0.3667

 1.2891, 0.6194,
0.3806

248.8734, 0.3831,

 0.1328, 0.8382,

0.3646

0.1618

299.4539, 0.3789,
0.3627

0.0000, 0.0000,
0.0000

42.4782, 0.4386,
0.3861

42.4782, 0.4386,
0.3861

37.6101, 0.4705,
0.3934

48.0199, 0.4087,
0.3765

33.3802, 0.5028,
0.3971

54.2556, 0.3818,
0.3658

29.7590, 0.5333,
0.3961

61.2125, 0.3581,
0.3547

26.7110, 0.5593,
0.3896

68.9146, 0.3375,
0.3438

25.2597, 0.5716,
0.3844

77.3843, 0.3198,
0.3335

■ 86.6432, 0.3047,
0.3238

■ 95.7730, 0.2993,
0.3285

■ 96.0582, 0.2993,
0.3290

Harmonies

Analogous

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



42.4782, 0.4310, 0.3374



42.4782, 0.4386, 0.3861



42.4782, 0.4095, 0.4277

Triad

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



42.4782, 0.4386, 0.3861



42.4782, 0.2395, 0.3676



42.4782, 0.2613, 0.2328

Complementary

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



42.4782, 0.4386, 0.3861



42.3701, 0.2292, 0.2599

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.



42.4782, 0.2188, 0.2320



42.4782, 0.4386, 0.3861



42.4782, 0.2069, 0.3023

Square

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



42.4782, 0.4386, 0.3861



42.4782, 0.2935, 0.4252



42.4782, 0.2002, 0.2546



42.4782, 0.3222, 0.2539

Rectangle

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



42.4782, 0.4386, 0.3861



42.4782, 0.3755, 0.4439



42.4782, 0.2002, 0.2546



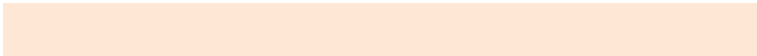
42.4782, 0.2447, 0.2301

Sweetspot

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



42.4803, 0.4386, 0.3861



83.0531, 0.3406, 0.3455



31.0072, 0.3745, 0.2460



17.3483, 0.3447, 0.3477



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.



42.4803, 0.4386, 0.3861



45.7197, 0.4731, 0.3939



69.6861, 0.3981, 0.4485



16.0478, 0.3283, 0.3385



14.5650, 0.5688, 0.3865



1.3277, 0.5436, 0.4066

Inverse Universe

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



42.3701, 0.2292, 0.2599



45.4842, 0.2153, 0.2432



22.0623, 0.2106, 0.1708



16.0472, 0.2981, 0.3193



14.1220, 0.1866, 0.1919



1.2965, 0.1925, 0.2128

Previews

White Background



This preview shows how the Yxy color 42.4782, 0.4386, 0.3861 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 42.4782, 0.4386, 0.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

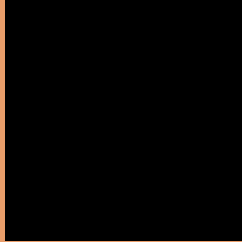
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4782, 0.4386, 0.3861

Background



This preview shows how black text looks on a background with the Yxy color 42.4782, 0.4386, 0.3861.



This preview shows how white text looks on a background with the Yxy color 42.4782, 0.4386, 0.3861.

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

42.4782, 0.4386, 0.3861

Protanopia

42.7993, 0.3797, 0.4110

Deuteranopia

42.6340, 0.4134, 0.4055



Tritanopia

42.3904, 0.3906, 0.3168

Trichromacy



Original Color

42.4782, 0.4386, 0.3861

Protanomaly

42.2529, 0.4018, 0.4016

Deuteranomaly

42.4300, 0.4230, 0.3974

Tritanomaly

42.5384, 0.4094, 0.3429

Monochromacy



Original Color

42.4782, 0.4386, 0.3861

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7773, 0.3554, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4782, 0.4386, 0.3861 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(233, 157, 106)` looks like.

```
.text, #text, p{  
    color:rgb(233, 157, 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(233, 157, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 157, 106) }
```

Border

The CSS property to change the border of an element to Yxy 42.4782, 0.4386, 0.3861 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(233, 157, 106) }
```

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

```
.border{ border-color:rgb(233, 157, 106) }
```

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

Here you see how a box with a 4 pixel rgb(233, 157, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 157, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 157, 106);  
box-shadow:4px 4px 4px 4px rgb(233, 157,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4782, 0.4386, 0.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 157, 106) }
```

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

```
.background{ background-color: rgb(233,  
157, 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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