

Converting Colors

$Yxy(43.6359, 0.4248, 0.3934)$

Have a look what the booklet for
Yxy(43.6359, 0.4248, 0.3934)
contains.

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Color

Yxy(43.6412, 0.4245, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	E1A46C
RGB	225, 164, 108
RGB Percent	88%, 64%, 42%
CMY	0.1175, 0.3569, 0.5764
CMYK	0.00, 0.27, 0.52, 0.12
HSL	29°, 66%, 65%
HSV	29°, 52%, 88%
XYZ	47.0434, 43.6412, 20.1361
YIQ	175.8550, 54.3320, -4.4840

Conversions

Conversions Part 2

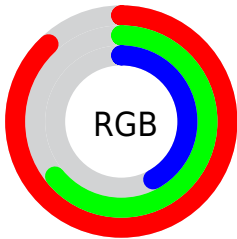
Format	Color
R _Y B	225, 215, 108
Decimal	14787692
CIE Lab	71.99, 16.25, 37.76
CIE LCh	72, 41.105, 66.713
Yxy	43.6412, 0.4245, 0.3938
Android (android.graphics.Color)	4292977772 (0xFFE1A46C)
YUV	175.8550, -33.4525, 43.1002
Hunter-Lab	66.0615, 11.5050, 28.1709

Details

The Yxy color **43.6412, 0.4245, 0.3938** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.0296, 0.2302, 0.2508**, and the grayscale version is **43.4956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4611, 0.3814, 0.3895**, and **20.1196, 0.4552, 0.4067** is the 20% darker color. If you saturate the color by 10%, you get **39.2146, 0.4528, 0.4036**, and if you desaturate by 10%, it is **48.5837, 0.3978, 0.3820**.

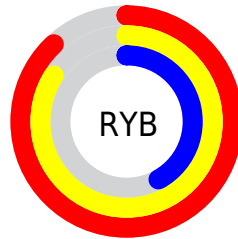
Distribution



Red (88%)

Green (64%)

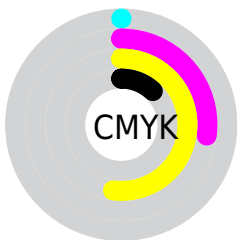
Blue (42%)



Red (88%)

Yellow (84%)

Blue (42%)

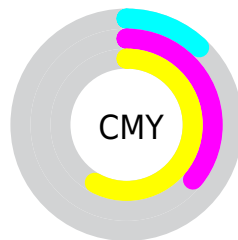


Cyan (0%)

Magenta (27%)

Yellow (52%)

Black (12%)



Cyan (12%)


Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6412, 0.4245, 0.3938 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 43.6412, 0.4245, 0.3938 by changing the saturation by 10% instead.


 43.6412, 0.4245,
0.3938


 43.6412, 0.4245,
0.3938


361.2421, 0.3685,
0.3641


 30.3885, 0.4380,
0.4000


 80.6776, 0.4044,
0.3838

 20.1337, 0.4549,
0.4070


 105.2301, 0.3968,
0.3798

 12.4923, 0.4763,
0.4148


 134.3179, 0.3903,
0.3764

 7.0799, 0.5037,
0.4224

 168.3256, 0.3847,
0.3733

 3.5121, 0.5573,
0.4414

207.6375, 0.3798,
0.3706

 1.4046, 0.5814,
0.4186

252.6379, 0.3756,

 0.2201, 0.7335,

0.3682

0.2665

303.7113, 0.3719,
0.3660

0.0000, 0.0000,
0.0000

43.6412, 0.4245,
0.3938

43.6412, 0.4245,
0.3938

39.2146, 0.4528,
0.4036

48.5837, 0.3978,
0.3820

35.2772, 0.4814,
0.4101

54.0544, 0.3734,
0.3691

31.8093, 0.5087,
0.4120

60.0731, 0.3517,
0.3561

28.7859, 0.5326,
0.4085

66.6563, 0.3325,
0.3434

26.6616, 0.5490,
0.4023

73.8199, 0.3158,
0.3313

■ 81.5790, 0.3013,
0.3200

■ 89.2500, 0.2945,
0.3200

■ 94.7538, 0.2946,
0.3289

Harmonies

Analogous

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



43.6412, 0.4265, 0.3495



43.6412, 0.4245, 0.3938



43.6412, 0.3910, 0.4274

Triad

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



43.6412, 0.4245, 0.3938



43.6412, 0.2352, 0.3483



43.6412, 0.2791, 0.2432

Complementary

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



43.6412, 0.4245, 0.3938



37.0296, 0.2302, 0.2508

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.



43.6412, 0.2343, 0.2374



43.6412, 0.4245, 0.3938



43.6412, 0.2109, 0.2914

Square

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



43.6412, 0.4245, 0.3938



43.6412, 0.2811, 0.4050



43.6412, 0.2108, 0.2529



43.6412, 0.3377, 0.2673

Rectangle

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



43.6412, 0.4245, 0.3938



43.6412, 0.3569, 0.4362



43.6412, 0.2108, 0.2529



43.6412, 0.2621, 0.2391

Sweetspot

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



43.6433, 0.4245, 0.3938



84.8082, 0.3401, 0.3486



29.6614, 0.3800, 0.2578



17.7652, 0.3441, 0.3512



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.



43.6433, 0.4245, 0.3938



51.8233, 0.4540, 0.4040



68.8829, 0.3902, 0.4505



14.7767, 0.3280, 0.3402



15.5889, 0.5465, 0.4042



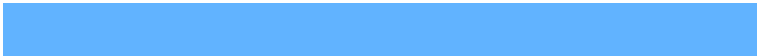
1.2591, 0.5218, 0.4239

Inverse Universe

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



37.0296, 0.2302, 0.2508



42.1500, 0.2152, 0.2316



20.1982, 0.2138, 0.1689



14.4206, 0.2981, 0.3175



10.7516, 0.1794, 0.1657



0.9243, 0.1869, 0.1927

Previews

White Background



This preview shows how the Yxy color 43.6412, 0.4245, 0.3938 looks on a white background.

Color Contrast Check

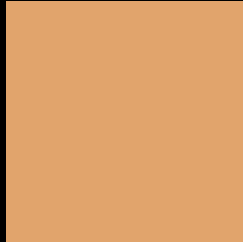
Large Text (above 18pt) WCAG AA × Fail

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 43.6412, 0.4245, 0.3938 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 43.6412, 0.4245, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 43.6412, 0.4245, 0.3938.



This preview shows how white text looks on a background with the Yxy color 43.6412, 0.4245, 0.3938.

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

43.6412, 0.4245, 0.3938

Protanopia

43.8430, 0.3807, 0.4127

Deuteranopia

43.7336, 0.4115, 0.4038



Tritanopia

43.4271, 0.3746, 0.3153

Trichromacy



Original Color

43.6412, 0.4245, 0.3938

Protanomaly

43.4901, 0.3967, 0.4057

Deuteranomaly

43.6044, 0.4167, 0.4003

Tritanomaly

43.3656, 0.3938, 0.3444

Monochromacy



Original Color

43.6412, 0.4245, 0.3938

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2087, 0.3515, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6412, 0.4245, 0.3938 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, 164, 108)` looks like.

```
.text, #text, p{  
    color:rgb(225, 164, 108)  
}
```

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, 164, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 164, 108) }
```

Border

The CSS property to change the border of an element to Yxy 43.6412, 0.4245, 0.3938 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, 164, 108) }
```

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

```
.border{ border-color:rgb(225, 164, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 164, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 164, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 164, 108);  
box-shadow:4px 4px 4px 4px rgb(225, 164,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6412, 0.4245, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 164, 108) }
```

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

```
.background{ background-color: rgb(225,  
164, 108) }
```

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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