

Converting Colors

$Yxy(41.4580, 0.4099, 0.3638)$

Have a look what the booklet for
Yxy(41.4580, 0.4099, 0.3638)
contains.

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Color

Yxy(41.4935, 0.4099, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	E09D7F
RGB	224, 157, 127
RGB Percent	88%, 62%, 50%
CMY	0.1216, 0.3843, 0.5020
CMYK	0.00, 0.30, 0.43, 0.12
HSL	19°, 61%, 69%
HSV	19°, 43%, 88%
XYZ	46.6233, 41.4935, 25.6263
YIQ	173.6130, 49.5620, 4.8740

Conversions

Conversions Part 2

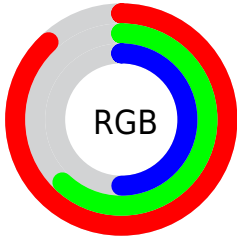
Format	Color
R _Y B	224, 170, 127
Decimal	14720383
CIE Lab	70.52, 21.40, 25.69
CIE LCh	71, 33.433, 50.211
Yxy	41.4935, 0.4099, 0.3648
Android (android.graphics.Color)	4292910463 (0xFFE09D7F)
YUV	173.6130, -22.9802, 44.1894
Hunter-Lab	64.4154, 16.4696, 21.5035

Details

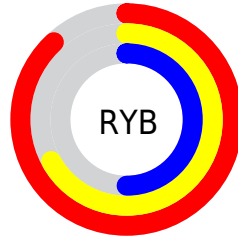
The Yxy color **41.4935, 0.4099, 0.3648** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.4558, 0.2475, 0.2891**, and the grayscale version is **42.2201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6423, 0.3691, 0.3622**, and **18.7602, 0.4380, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **36.0686, 0.4424, 0.3722**, and if you desaturate by 10%, it is **47.7146, 0.3812, 0.3564**.

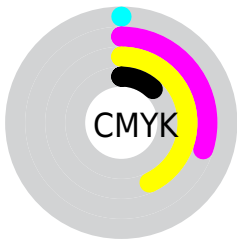
Distribution



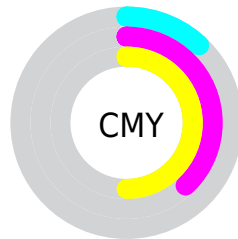
- Red (88%)
- Green (62%)
- Blue (50%)



- Red (88%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (43%)
- Black (12%)





- Cyan (12%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4935, 0.4099, 0.3648 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 41.4935, 0.4099, 0.3648 by changing the saturation by 10% instead.

 41.4935, 0.4099,
0.3648


 41.4935, 0.4099,
0.3648


352.3790, 0.3601,
0.3486


 28.7049, 0.4225,
0.3682


 77.4325, 0.3916,
0.3594

 18.8577, 0.4388,
0.3720


 101.3516, 0.3848,
0.3572

 11.5675, 0.4603,
0.3762


 129.7498, 0.3790,
0.3553

 6.4499, 0.4898,
0.3802

163.0113, 0.3741,
0.3536

 3.1205, 0.5337,
0.3831

201.5206, 0.3699,
0.3522

 1.1950, 0.6139,
0.3861

245.6620, 0.3662,

 0.0576, 0.9092,

0.3508

0.0908

295.8200, 0.3630,
0.3497

0.0000, 0.0000,
0.0000

41.4935, 0.4099,
0.3648

41.4935, 0.4099,
0.3648

36.0686, 0.4424,
0.3722

47.7146, 0.3812,
0.3564

31.4004, 0.4780,
0.3777

54.7572, 0.3566,
0.3478

27.4551, 0.5149,
0.3801

62.6526, 0.3356,
0.3394

24.1934, 0.5499,
0.3782

71.4290, 0.3179,
0.3315

21.5714, 0.5797,
0.3714

81.1128, 0.3030,
0.3241

■ 20.1423, 0.5959,
0.3650

■ 91.3121, 0.2939,
0.3237

■ 94.5843, 0.2940,
0.3289

Harmonies

Analogous

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



41.4935, 0.3950, 0.3261



41.4935, 0.4099, 0.3648



41.4935, 0.3963, 0.3985

Triad

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



41.4935, 0.4099, 0.3648



41.4935, 0.2678, 0.3719



41.4935, 0.2622, 0.2518

Complementary

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



41.4935, 0.4099, 0.3648



48.4558, 0.2475, 0.2891

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.



41.4935, 0.2334, 0.2571



41.4935, 0.4099, 0.3648



41.4935, 0.2362, 0.3234

Square

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



41.4935, 0.4099, 0.3648



41.4935, 0.3130, 0.4079



41.4935, 0.2243, 0.2817



41.4935, 0.3064, 0.2640

Rectangle

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



41.4935, 0.4099, 0.3648



41.4935, 0.3741, 0.4130



41.4935, 0.2243, 0.2817



41.4935, 0.2506, 0.2515

Sweetspot

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



41.4955, 0.4099, 0.3648



84.3024, 0.3352, 0.3393



34.9552, 0.3468, 0.2517



17.5173, 0.3396, 0.3411



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.



41.4955, 0.4099, 0.3648



49.0293, 0.4393, 0.3716



60.8397, 0.3856, 0.4167



14.3892, 0.3284, 0.3363



11.9065, 0.5932, 0.3672



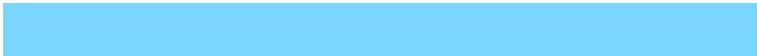
0.9810, 0.5628, 0.3913

Inverse Universe

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



48.4558, 0.2475, 0.2891



59.4551, 0.2355, 0.2791



30.5696, 0.2361, 0.2218



14.8189, 0.2982, 0.3216



16.9245, 0.1959, 0.2251



1.3301, 0.2008, 0.2430

Previews

White Background



This preview shows how the Yxy color 41.4935, 0.4099, 0.3648 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 41.4935, 0.4099, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

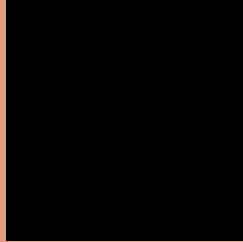
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4935, 0.4099, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 41.4935, 0.4099, 0.3648.



This preview shows how white text looks on a background with the Yxy color 41.4935, 0.4099, 0.3648.

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

41.4935, 0.4099, 0.3648

Protanopia

41.7987, 0.3567, 0.3821

Deuteranopia

41.7322, 0.3884, 0.3812



Tritanopia

41.4317, 0.3780, 0.3163

Trichromacy



Original Color

41.4935, 0.4099, 0.3648

Protanomaly

41.4182, 0.3764, 0.3760

Deuteranomaly

41.6978, 0.3959, 0.3750

Tritanomaly

41.4820, 0.3898, 0.3340

Monochromacy



Original Color

41.4935, 0.4099, 0.3648

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6461, 0.3451, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4935, 0.4099, 0.3648 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(224, 157, 127)` looks like.

```
.text, #text, p{  
    color:rgb(224, 157, 127)  
}
```

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(224, 157, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 157, 127) }
```

Border

The CSS property to change the border of an element to Yxy 41.4935, 0.4099, 0.3648 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(224, 157, 127) }
```

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

```
.border{ border-color:rgb(224, 157, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 157, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 157, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 157, 127);  
box-shadow:4px 4px 4px 4px rgb(224, 157,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4935, 0.4099, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 157, 127) }
```

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

```
.background{ background-color: rgb(224,  
157, 127) }
```

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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