

Converting Colors

Yxy(41.8647, 0.4137, 0.3742)

Have a look what the booklet for
Yxy(41.8647, 0.4137, 0.3742)
contains.

Yxy(41.8647, 0.4137, 0.3742)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.8647, 0.4137, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	DF9F79
RGB	223, 159, 121
RGB Percent	87%, 62%, 47%
CMY	0.1254, 0.3765, 0.5255
CMYK	0.00, 0.29, 0.46, 0.13
HSL	22°, 61%, 67%
HSV	22°, 46%, 87%
XYZ	46.2839, 41.8647, 23.7293
YIQ	173.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

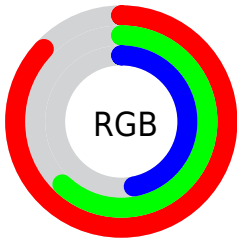
Format	Color
R _Y B	223, 182, 121
Decimal	14655353
CIE Lab	70.78, 19.33, 29.26
CIE LCh	71, 35.067, 56.552
Yxy	41.8647, 0.4137, 0.3742
Android (android.graphics.Color)	4292845433 (0xFFDF9F79)
YUV	173.8040, -26.0324, 43.1449
Hunter-Lab	64.7029, 14.4561, 23.5479

Details

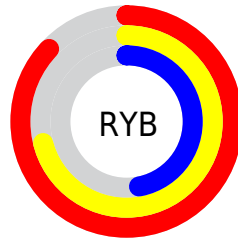
The Yxy color **41.8647, 0.4137, 0.3742** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.0966, 0.2426, 0.2774**, and the grayscale version is **42.3396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4091, 0.3730, 0.3704**, and **18.9826, 0.4427, 0.3830** is the 20% darker color. If you saturate the color by 10%, you get **36.8377, 0.4448, 0.3828**, and if you desaturate by 10%, it is **47.5671, 0.3857, 0.3643**.

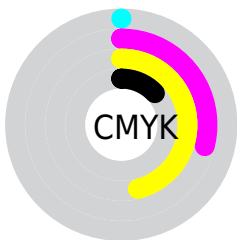
Distribution



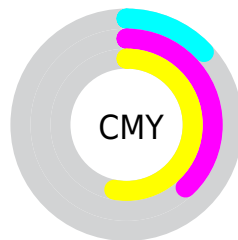
- Red (87%)
- Green (62%)
- Blue (47%)



- Red (87%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (13%)





- Cyan (13%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8647, 0.4137, 0.3742 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 41.8647, 0.4137, 0.3742 by changing the saturation by 10% instead.


 41.8647, 0.4137,
0.3742

 41.8647, 0.4137,
0.3742


353.9218, 0.3622,
0.3535

 28.9954, 0.4266,
0.3786

 77.9948, 0.3949,
0.3672

 19.0773, 0.4431,
0.3836


 102.0244, 0.3878,
0.3644

 11.7262, 0.4647,
0.3892


 130.5428, 0.3819,
0.3620

 6.5575, 0.4939,
0.3949

163.9345, 0.3768,
0.3599

 3.1869, 0.5399,
0.4022

202.5838, 0.3724,
0.3580

 1.2301, 0.6020,
0.3980

246.8752, 0.3686,

 0.0861, 0.8654,

0.3563

0.1346

297.1931, 0.3652,
0.3548

0.0000, 0.0000,
0.0000

41.8647, 0.4137,
0.3742

41.8647, 0.4137,
0.3742

36.8377, 0.4448,
0.3828

47.5671, 0.3857,
0.3643

32.4532, 0.4781,
0.3891

53.9641, 0.3612,
0.3541

28.6841, 0.5117,
0.3918

61.0816, 0.3400,
0.3439

25.4985, 0.5431,
0.3896

68.9420, 0.3219,
0.3343

22.8606, 0.5695,
0.3822

77.5670, 0.3064,
0.3252

■ 21.8880, 0.5794,
0.3782

■ 86.9773, 0.2933,
0.3169

■ 94.4302, 0.2935,
0.3289

Harmonies

Analogous

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



41.8647, 0.4046, 0.3343



41.8647, 0.4137, 0.3742



41.8647, 0.3936, 0.4071

Triad

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



41.8647, 0.4137, 0.3742



41.8647, 0.2573, 0.3635



41.8647, 0.2686, 0.2499

Complementary

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



41.8647, 0.4137, 0.3742



44.0966, 0.2426, 0.2774

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.



41.8647, 0.2348, 0.2512



41.8647, 0.4137, 0.3742



41.8647, 0.2285, 0.3126

Square

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



41.8647, 0.4137, 0.3742



41.8647, 0.3022, 0.4059



41.8647, 0.2208, 0.2724



41.8647, 0.3169, 0.2660

Rectangle

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



41.8647, 0.4137, 0.3742



41.8647, 0.3676, 0.4195



41.8647, 0.2208, 0.2724



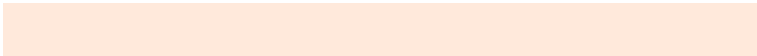
41.8647, 0.2553, 0.2482

Sweetspot

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



41.8667, 0.4137, 0.3742



84.4410, 0.3368, 0.3423



32.8930, 0.3569, 0.2547



17.5993, 0.3411, 0.3445



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.



41.8667, 0.4137, 0.3742



50.1272, 0.4437, 0.3826



62.8741, 0.3866, 0.4280



14.5327, 0.3283, 0.3378



13.0674, 0.5767, 0.3803



1.0735, 0.5476, 0.4034

Inverse Universe

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



44.0966, 0.2426, 0.2774



53.4448, 0.2293, 0.2642



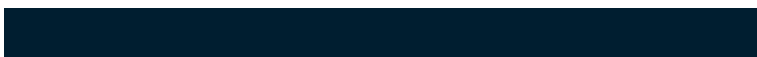
26.6099, 0.2297, 0.2050



14.6693, 0.2981, 0.3201



14.3727, 0.1896, 0.2026



1.1662, 0.1956, 0.2243

Previews

White Background



This preview shows how the Yxy color 41.8647, 0.4137, 0.3742 looks on a white background.

Color Contrast Check

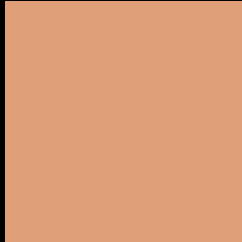
Large Text (above 18pt) WCAG AA × Fail

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 41.8647, 0.4137, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

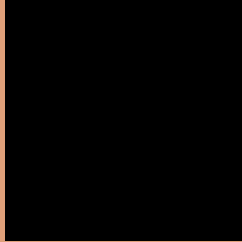
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8647, 0.4137, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 41.8647, 0.4137, 0.3742.



This preview shows how white text looks on a background with the Yxy color 41.8647, 0.4137, 0.3742.

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

41.8647, 0.4137, 0.3742

Protanopia

41.8585, 0.3648, 0.3913

Deuteranopia

41.8939, 0.3950, 0.3870



Tritanopia

41.8300, 0.3756, 0.3151

Trichromacy



Original Color

41.8647, 0.4137, 0.3742

Protanomaly

41.6280, 0.3815, 0.3849

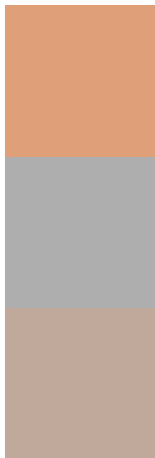
Deuteranomaly

41.6966, 0.4025, 0.3821

Tritanomaly

41.7814, 0.3905, 0.3363

Monochromacy



Original Color

41.8647, 0.4137, 0.3742

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9490, 0.3467, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8647, 0.4137, 0.3742 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(223, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(223, 159, 121)  
}
```

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(223, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 159, 121) }
```

Border

The CSS property to change the border of an element to Yxy 41.8647, 0.4137, 0.3742 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(223, 159, 121) }
```

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

```
.border{ border-color:rgb(223, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 159, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 159, 121);  
box-shadow:4px 4px 4px 4px rgb(223, 159,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8647, 0.4137, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 159, 121) }
```

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

```
.background{ background-color: rgb(223,  
159, 121) }
```

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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