

Converting Colors

Yxy(43.6391, 0.3893, 0.3465)

Have a look what the booklet for
Yxy(43.6391, 0.3893, 0.3465)
contains.

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Color

Yxy(43.6039, 0.3891, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	E1A193
RGB	225, 161, 147
RGB Percent	88%, 63%, 58%
CMY	0.1176, 0.3686, 0.4236
CMYK	0.00, 0.28, 0.35, 0.12
HSL	11°, 57%, 73%
HSV	11°, 35%, 88%
XYZ	49.0638, 43.6039, 33.4280
YIQ	178.5400, 42.6380, 9.2140

Conversions

Conversions Part 2

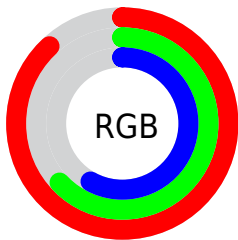
Format	Color
R _Y B	225, 164, 147
Decimal	14786963
CIE Lab	71.96, 21.94, 16.74
CIE LCh	72, 27.598, 37.340
Yxy	43.6039, 0.3891, 0.3458
Android (android.graphics.Color)	4292977043 (0xFFE1A193)
YUV	178.5400, -15.5492, 40.7454
Hunter-Lab	66.0332, 17.0704, 16.2089

Details

The Yxy color $43.6039, 0.3891, 0.3458$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $58.2232, 0.2615, 0.3113$, and the grayscale version is $44.8899, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5888, 0.3525, 0.3444$, and $20.1066, 0.4124, 0.3495$ is the 20% darker color. If you saturate the color by 10%, you get $36.9850, 0.4216, 0.3506$, and if you desaturate by 10%, it is $51.3175, 0.3617, 0.3407$.

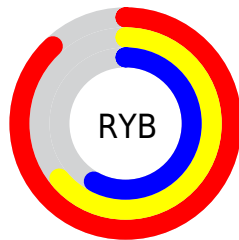
Distribution



Red (88%)

Green (63%)

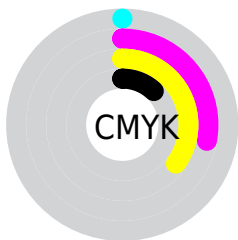
Blue (58%)



Red (88%)

Yellow (64%)

Blue (58%)

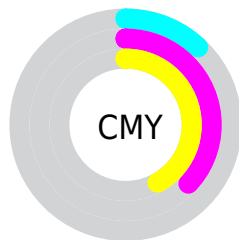


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (12%)



Cyan (12%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6039, 0.3891, 0.3458 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 43.6039, 0.3891, 0.3458 by changing the saturation by 10% instead.


 43.6039, 0.3891,
0.3458


 43.6039, 0.3891,
0.3458


361.0894, 0.3501,
0.3385

 30.3592, 0.3990,
0.3473


 80.6214, 0.3748,
0.3434

 20.1114, 0.4119,
0.3489


 105.1630, 0.3694,
0.3424

 12.4761, 0.4290,
0.3507


134.2390, 0.3649,
0.3416

 7.0688, 0.4531,
0.3523

168.2339, 0.3611,
0.3408

 3.5051, 0.4890,
0.3527

207.5319, 0.3578,
0.3401

 1.4008, 0.5680,
0.3618

252.5176, 0.3549,

 0.2173, 0.7735,

0.3395

0.2265

303.5753, 0.3524,
0.3390

0.0000, 0.0000,
0.0000

43.6039, 0.3891,
0.3458

43.6039, 0.3891,
0.3458

36.9850, 0.4216,
0.3506

51.3175, 0.3617,
0.3407

31.4049, 0.4592,
0.3546

60.1660, 0.3390,
0.3358

26.8120, 0.5007,
0.3570

70.1952, 0.3203,
0.3311

23.1480, 0.5431,
0.3570

81.4465, 0.3049,
0.3267

20.3480, 0.5817,
0.3537

93.6667, 0.2946,
0.3272

■ 18.3383, 0.6113,
0.3473

■ 94.7490, 0.2946,
0.3289

■ 17.5553, 0.6229,
0.3436

Harmonies

Analogous

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



43.6039, 0.3677, 0.3139



43.6039, 0.3891, 0.3458



43.6039, 0.3882, 0.3759

Triad

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



43.6039, 0.3891, 0.3458



43.6039, 0.2915, 0.3778



43.6039, 0.2593, 0.2654

Complementary

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



43.6039, 0.3891, 0.3458



58.2232, 0.2615, 0.3113

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.



43.6039, 0.2419, 0.2772



43.6039, 0.3891, 0.3458



43.6039, 0.2595, 0.3418

Square

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



43.6039, 0.3891, 0.3458



43.6039, 0.3305, 0.3982



43.6039, 0.2419, 0.3044



43.6039, 0.2912, 0.2692

Rectangle

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



43.6039, 0.3891, 0.3458



43.6039, 0.3756, 0.3911



43.6039, 0.2419, 0.3044



43.6039, 0.2517, 0.2675

Sweetspot

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



43.6060, 0.3891, 0.3458



85.8369, 0.3299, 0.3336



41.6259, 0.3284, 0.2561



17.9746, 0.3326, 0.3342



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.



43.6060, 0.3891, 0.3458



51.0839, 0.4134, 0.3495



58.9627, 0.3741, 0.3887



14.0967, 0.3288, 0.3333



10.2364, 0.6207, 0.3453



0.8283, 0.5925, 0.3677

Inverse Universe

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



58.2232, 0.2615, 0.3113



73.3590, 0.2516, 0.3068



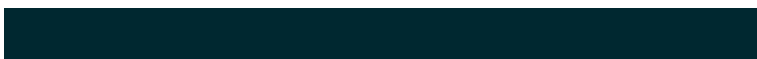
41.5233, 0.2548, 0.2608



15.1315, 0.2982, 0.3247



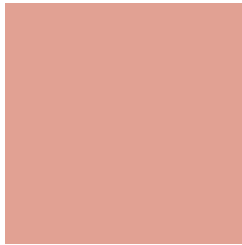
23.1824, 0.2086, 0.2708



1.7176, 0.2113, 0.2807

Previews

White Background



This preview shows how the Yxy color 43.6039, 0.3891, 0.3458 looks on a white background.

Color Contrast Check

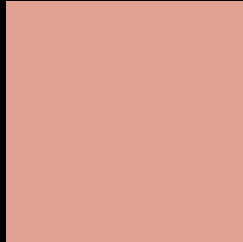
Large Text (above 18pt) WCAG AA × Fail

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 43.6039, 0.3891, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

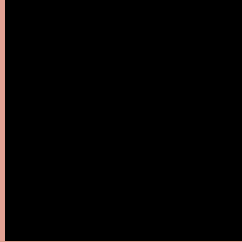
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6039, 0.3891, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 43.6039, 0.3891, 0.3458.



This preview shows how white text looks on a background with the Yxy color 43.6039, 0.3891, 0.3458.

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

43.6039, 0.3891, 0.3458

Protanopia

43.7315, 0.3385, 0.3571

Deuteranopia

43.7729, 0.3681, 0.3608



Tritanopia

43.6869, 0.3691, 0.3152

Trichromacy



Original Color

43.6039, 0.3891, 0.3458

Protanomaly

43.6722, 0.3566, 0.3535

Deuteranomaly

43.7098, 0.3751, 0.3552

Tritanomaly

43.5737, 0.3758, 0.3257

Monochromacy



Original Color

43.6039, 0.3891, 0.3458

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.0308, 0.3390, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6039, 0.3891, 0.3458 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, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(225, 161, 147)  
}
```

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, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 161, 147) }
```

Border

The CSS property to change the border of an element to Yxy 43.6039, 0.3891, 0.3458 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, 161, 147) }
```

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

```
.border{ border-color:rgb(225, 161, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 161, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(225, 161,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6039, 0.3891, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 161, 147) }
```

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

```
.background{ background-color: rgb(225,  
161, 147) }
```

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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