

Converting Colors

$Yxy(47.0627, 0.3900, 0.3443)$

Have a look what the booklet for
Yxy(47.0627, 0.3900, 0.3443)
contains.

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Color

Yxy(47.0648, 0.3898, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	EAA699
RGB	234, 166, 153
RGB Percent	92%, 65%, 60%
CMY	0.0824, 0.3490, 0.4001
CMYK	0.00, 0.29, 0.35, 0.08
HSL	10°, 66%, 76%
HSV	10°, 35%, 92%
XYZ	53.3155, 47.0648, 36.3962
YIQ	184.8500, 44.7010, 10.3730

Conversions

Conversions Part 2

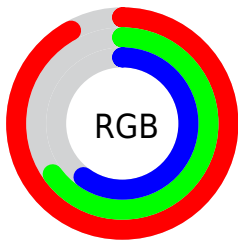
Format	Color
R _Y B	234, 168, 153
Decimal	15378073
CIE Lab	74.23, 23.43, 16.77
CIE LCh	74, 28.813, 35.591
Yxy	47.0648, 0.3898, 0.3441
Android (android.graphics.Color)	4293568153 (0xFFEAA699)
YUV	184.8500, -15.7020, 43.1046
Hunter-Lab	68.6038, 18.6648, 16.5676

Details

The Yxy color **47.0648, 0.3898, 0.3441** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.4002, 0.2617, 0.3131**, and the grayscale version is **48.4985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4779, 0.3472, 0.3433**, and **22.2240, 0.4111, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **39.7663, 0.4229, 0.3484**, and if you desaturate by 10%, it is **55.6091, 0.3620, 0.3396**.

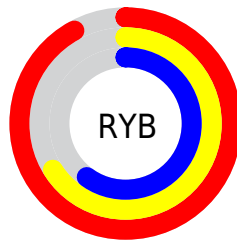
Distribution



Red (92%)

Green (65%)

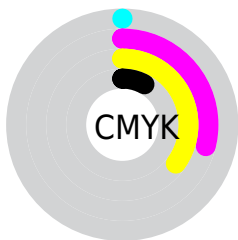
Blue (60%)



Red (92%)

Yellow (66%)

Blue (60%)

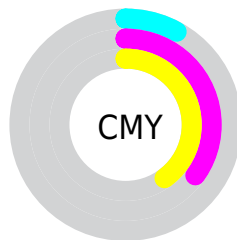


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (8%)



Cyan (8%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0648, 0.3898, 0.3441 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 47.0648, 0.3898, 0.3441 by changing the saturation by 10% instead.


 47.0648, 0.3898,
0.3441


 47.0648, 0.3898,
0.3441


375.0731, 0.3509,
0.3377

 33.0869, 0.3995,
0.3453


 85.8103, 0.3756,
0.3421

 22.1930, 0.4120,
0.3466


 111.3468, 0.3703,
0.3412

 13.9988, 0.4286,
0.3480


141.5048, 0.3658,
0.3405

 8.1198, 0.4516,
0.3491

176.6688, 0.3620,
0.3398

 4.1717, 0.4852,
0.3491

217.2233, 0.3587,
0.3392

 1.7701, 0.5443,
0.3487

263.5526, 0.3558,

 0.4684, 0.6873,

0.3387

0.3127

316.0411, 0.3532,
0.3382

0.0000, 0.0000,
0.0000

47.0648, 0.3898,
0.3441

47.0648, 0.3898,
0.3441

39.7663, 0.4229,
0.3484

55.6091, 0.3620,
0.3396

33.6487, 0.4613,
0.3520

65.4468, 0.3391,
0.3351

28.6513, 0.5036,
0.3541

76.6311, 0.3202,
0.3309

24.7055, 0.5467,
0.3538

89.2104, 0.3048,
0.3269

21.7347, 0.5857,
0.3506

96.2325, 0.2999,
0.3290

■ 19.6513, 0.6149,
0.3446

■ 18.8573, 0.6261,
0.3411

Harmonies

Analogous

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



47.0648, 0.3668, 0.3118



47.0648, 0.3898, 0.3441



47.0648, 0.3903, 0.3751

Triad

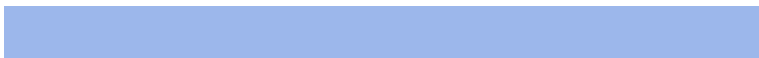
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.0648, 0.3898, 0.3441



47.0648, 0.2933, 0.3805



47.0648, 0.2569, 0.2646

Complementary

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



47.0648, 0.3898, 0.3441



64.4002, 0.2617, 0.3131

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.



47.0648, 0.2403, 0.2775



47.0648, 0.3898, 0.3441



47.0648, 0.2601, 0.3443

Square

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



47.0648, 0.3898, 0.3441



47.0648, 0.3331, 0.4000



47.0648, 0.2413, 0.3059



47.0648, 0.2886, 0.2676

Rectangle

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



47.0648, 0.3898, 0.3441



47.0648, 0.3781, 0.3911



47.0648, 0.2413, 0.3059



47.0648, 0.2495, 0.2671

Sweetspot

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



47.0670, 0.3898, 0.3441



85.5657, 0.3300, 0.3331



45.5296, 0.3272, 0.2548



17.9095, 0.3327, 0.3337



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.



47.0670, 0.3898, 0.3441



50.3551, 0.4144, 0.3474



63.7601, 0.3746, 0.3874



15.4456, 0.3289, 0.3329



10.7154, 0.6240, 0.3427



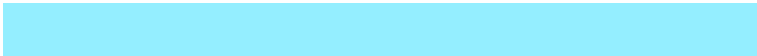
0.9590, 0.6001, 0.3617

Inverse Universe

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



64.4002, 0.2617, 0.3131



74.5171, 0.2520, 0.3091



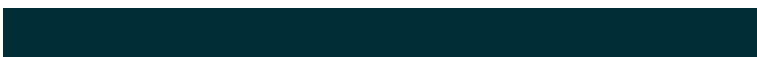
45.8910, 0.2550, 0.2625



16.6850, 0.2981, 0.3251



25.7653, 0.2103, 0.2770



2.1336, 0.2125, 0.2850

Previews

White Background



This preview shows how the Yxy color 47.0648, 0.3898, 0.3441 looks on a white background.

Color Contrast Check

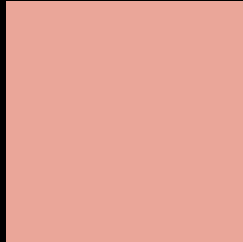
Large Text (above 18pt) WCAG AA × Fail

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 47.0648, 0.3898, 0.3441 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 47.0648, 0.3898, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 47.0648, 0.3898, 0.3441.



This preview shows how white text looks on a background with the Yxy color 47.0648, 0.3898, 0.3441.

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

47.0648, 0.3898, 0.3441

Protanopia

47.1055, 0.3377, 0.3563

Deuteranopia

47.2821, 0.3673, 0.3598



Tritanopia

47.1224, 0.3713, 0.3157

Trichromacy



Original Color

47.0648, 0.3898, 0.3441

Protanomaly

46.7847, 0.3564, 0.3515

Deuteranomaly

46.9877, 0.3753, 0.3531

Tritanomaly

47.0031, 0.3778, 0.3258

Monochromacy



Original Color

47.0648, 0.3898, 0.3441

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.5544, 0.3391, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0648, 0.3898, 0.3441 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(234, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(234, 166, 153)  
}
```

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(234, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 166, 153) }
```

Border

The CSS property to change the border of an element to Yxy 47.0648, 0.3898, 0.3441 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(234, 166, 153) }
```

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

```
.border{ border-color:rgb(234, 166, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(234, 166,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0648, 0.3898, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 166, 153) }
```

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

```
.background{ background-color: rgb(234,  
166, 153) }
```

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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