

Converting Colors

$Yxy(48.9001, 0.3733, 0.3440)$

Have a look what the booklet for
Yxy(48.9001, 0.3733, 0.3440)
contains.

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Color

Yxy(48.7912, 0.3731, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	E3ADA1
RGB	227, 173, 161
RGB Percent	89%, 68%, 63%
CMY	0.1100, 0.3215, 0.3687
CMYK	0.00, 0.24, 0.29, 0.11
HSL	11°, 54%, 76%
HSV	11°, 29%, 89%
XYZ	53.0419, 48.7912, 40.3324
YIQ	187.7780, 36.0360, 7.7160

Conversions

Conversions Part 2

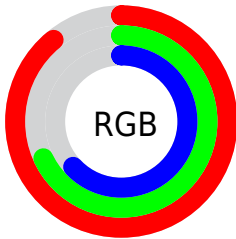
Format	Color
R _Y B	227, 176, 161
Decimal	14921121
CIE Lab	75.32, 18.03, 13.82
CIE LCh	75, 22.711, 37.466
Yxy	48.7912, 0.3731, 0.3432
Android (android.graphics.Color)	4293111201 (0xFFE3ADA1)
YUV	187.7780, -13.2016, 34.3977
Hunter-Lab	69.8507, 13.3074, 14.6610

Details

The Yxy color **48.7912, 0.3731, 0.3432** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.6709, 0.2692, 0.3142**, and the grayscale version is **50.2170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2565, 0.3396, 0.3421**, and **23.0831, 0.3907, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **41.4352, 0.4027, 0.3483**, and if you desaturate by 10%, it is **57.2849, 0.3484, 0.3381**.

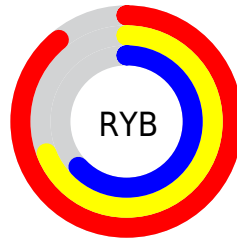
Distribution



Red (89%)

Green (68%)

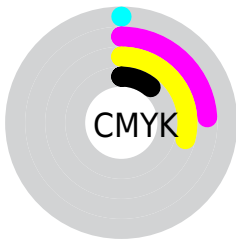
Blue (63%)



Red (89%)

Yellow (69%)

Blue (63%)

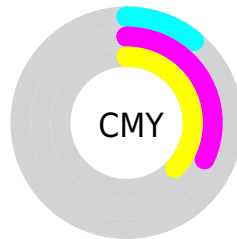


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (32%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7912, 0.3731, 0.3432 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 48.7912, 0.3731, 0.3432 by changing the saturation by 10% instead.

 48.7912, 0.3731,
0.3432


 48.7912, 0.3731,
0.3432

381.9197, 0.3429,
0.3369

 34.4539, 0.3806,
0.3445


 88.3813, 0.3621,
0.3411

 23.2425, 0.3903,
0.3461


 114.4028, 0.3580,
0.3402

 14.7727, 0.4031,
0.3480


145.0878, 0.3545,
0.3395

 8.6600, 0.4209,
0.3501

180.8208, 0.3515,
0.3388

 4.5201, 0.4470,
0.3522

221.9861, 0.3489,
0.3383

 1.9685, 0.4888,
0.3531

268.9681, 0.3466,


 0.5891, 0.6316,


0.3377


0.3684


322.1512, 0.3446,
0.3373


 0.0000, 0.0000,
0.0000

 48.7912, 0.3731,
0.3432


 48.7912, 0.3731,
0.3432


 41.4352, 0.4027,
0.3483


 57.2849, 0.3484,
0.3381


 35.1619, 0.4374,
0.3529


 66.9549, 0.3281,
0.3332


 29.9215, 0.4769,
0.3564

 77.8464, 0.3113,
0.3286

 25.6579, 0.5191,
0.3579

 90.0000, 0.2975,
0.3244

 22.3095, 0.5604,
0.3565

 95.0626, 0.2958,
0.3290

■ 19.8072, 0.5956,
0.3517

■ 18.0675, 0.6205,
0.3445

■ 17.9390, 0.6225,
0.3439

Harmonies

Analogous

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



48.7912, 0.3563, 0.3173



48.7912, 0.3731, 0.3432



48.7912, 0.3726, 0.3671

Triad

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



48.7912, 0.3731, 0.3432



48.7912, 0.2960, 0.3670



48.7912, 0.2702, 0.2779

Complementary

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



48.7912, 0.3731, 0.3432



61.6709, 0.2692, 0.3142

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.



48.7912, 0.2559, 0.2879



48.7912, 0.3731, 0.3432



48.7912, 0.2702, 0.3392

Square

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



48.7912, 0.3731, 0.3432



48.7912, 0.3272, 0.3832



48.7912, 0.2559, 0.3099



48.7912, 0.2960, 0.2808

Rectangle

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



48.7912, 0.3731, 0.3432



48.7912, 0.3627, 0.3787



48.7912, 0.2559, 0.3099



48.7912, 0.2639, 0.2798

Sweetspot

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



48.7935, 0.3731, 0.3432



87.2185, 0.3280, 0.3332



46.7624, 0.3254, 0.2679



18.2525, 0.3308, 0.3339



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.



48.7935, 0.3731, 0.3432



57.4788, 0.3907, 0.3464



62.5392, 0.3630, 0.3788



14.1033, 0.3287, 0.3333



10.2642, 0.6202, 0.3457



0.8314, 0.5919, 0.3683

Inverse Universe

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



61.6709, 0.2692, 0.3142



76.8597, 0.2607, 0.3107



46.9743, 0.2648, 0.2735



15.1244, 0.2982, 0.3246



23.0256, 0.2083, 0.2697



1.7081, 0.2111, 0.2799

Previews

White Background



This preview shows how the Yxy color 48.7912, 0.3731, 0.3432 looks on a white background.

Color Contrast Check

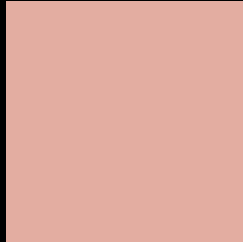
Large Text (above 18pt) WCAG AA × Fail

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 48.7912, 0.3731, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

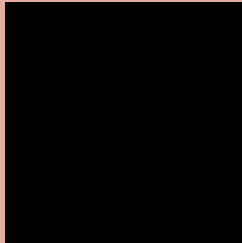
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7912, 0.3731, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 48.7912, 0.3731, 0.3432.



This preview shows how white text looks on a background with the Yxy color 48.7912, 0.3731, 0.3432.

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

48.7912, 0.3731, 0.3432

Protanopia

48.8254, 0.3340, 0.3521

Deuteranopia

48.9244, 0.3593, 0.3522



Tritanopia

48.8264, 0.3555, 0.3142

Trichromacy



Original Color

48.7912, 0.3731, 0.3432

Protanomaly

48.7435, 0.3472, 0.3490

Deuteranomaly

48.8878, 0.3645, 0.3495

Tritanomaly

48.7149, 0.3617, 0.3245

Monochromacy



Original Color

48.7912, 0.3731, 0.3432

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.6379, 0.3331, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7912, 0.3731, 0.3432 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(227, 173, 161)` looks like.

```
.text, #text, p{  
    color:rgb(227, 173, 161)  
}
```

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(227, 173, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 173, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.7912, 0.3731, 0.3432 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(227, 173, 161) }
```

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

```
.border{ border-color:rgb(227, 173, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 173, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 173, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 173, 161);  
box-shadow:4px 4px 4px 4px rgb(227, 173,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7912, 0.3731, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 173, 161) }
```

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

```
.background{ background-color: rgb(227,  
173, 161) }
```

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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