

Converting Colors

$Yxy(46.5966, 0.3708, 0.3379)$

Have a look what the booklet for
Yxy(46.5966, 0.3708, 0.3379)
contains.

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Color

Yxy(46.6371, 0.3707, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	DFA9A1
RGB	223, 169, 161
RGB Percent	87%, 66%, 63%
CMY	0.1254, 0.3373, 0.3685
CMYK	0.00, 0.24, 0.28, 0.13
HSL	8°, 49%, 75%
HSV	8°, 28%, 87%
XYZ	51.0584, 46.6371, 40.0396
YIQ	184.2340, 34.7520, 8.9600

Conversions

Conversions Part 2

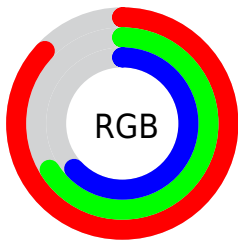
Format	Color
R _Y B	223, 170, 161
Decimal	14657953
CIE Lab	73.96, 18.71, 11.81
CIE LCh	74, 22.126, 32.264
Yxy	46.6371, 0.3707, 0.3386
Android (android.graphics.Color)	4292848033 (0xFFDFA9A1)
YUV	184.2340, -11.4544, 33.9978
Hunter-Lab	68.2914, 13.9466, 13.0419

Details

The Yxy color **46.6371, 0.3707, 0.3386** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.5339, 0.2714, 0.3191**, and the grayscale version is **48.1214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5292, 0.3404, 0.3371**, and **22.0422, 0.3885, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **39.2198, 0.4006, 0.3422**, and if you desaturate by 10%, it is **55.2739, 0.3460, 0.3350**.

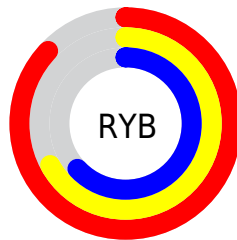
Distribution



Red (87%)

Green (66%)

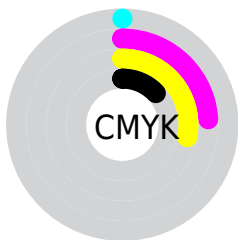
Blue (63%)



Red (87%)

Yellow (67%)

Blue (63%)

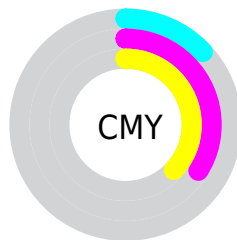


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (13%)



Cyan (13%)

Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6371, 0.3707, 0.3386 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 46.6371, 0.3707, 0.3386 by changing the saturation by 10% instead.


 46.6371, 0.3707,
0.3386


 46.6371, 0.3707,
0.3386

373.3641, 0.3414,
0.3344

 32.7489, 0.3781,
0.3394


 85.1717, 0.3600,
0.3372

 21.9341, 0.3876,
0.3404


 110.5868, 0.3560,
0.3367

 13.8085, 0.4002,
0.3414


140.6130, 0.3526,
0.3362

 7.9876, 0.4180,
0.3425

175.6347, 0.3498,
0.3358

 4.0870, 0.4444,
0.3431

216.0363, 0.3473,
0.3354

 1.7224, 0.4879,
0.3420

262.2021, 0.3451,

 0.4381, 0.6660,

0.3350

0.3340

314.5166, 0.3431,
0.3347

0.0000, 0.0000,
0.0000

46.6371, 0.3707,
0.3386

46.6371, 0.3707,
0.3386

39.2198, 0.4006,
0.3422

55.2739, 0.3460,
0.3350

32.9607, 0.4362,
0.3455

65.1748, 0.3258,
0.3315

27.8031, 0.4771,
0.3480

76.3903, 0.3094,
0.3283

23.6828, 0.5212,
0.3490

88.9661, 0.2959,
0.3254

20.5290, 0.5645,
0.3479

94.4311, 0.2935,
0.3289

■ 18.2620, 0.6011,
0.3443

■ 16.7870, 0.6259,
0.3389

■ 16.5539, 0.6301,
0.3379

Harmonies

Analogous

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



46.6371, 0.3515, 0.3132



46.6371, 0.3707, 0.3386



46.6371, 0.3733, 0.3630

Triad

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



46.6371, 0.3707, 0.3386



46.6371, 0.3014, 0.3704



46.6371, 0.2672, 0.2793

Complementary

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



46.6371, 0.3707, 0.3386



61.5339, 0.2714, 0.3191

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.



46.6371, 0.2554, 0.2914



46.6371, 0.3707, 0.3386



46.6371, 0.2744, 0.3443

Square

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



46.6371, 0.3707, 0.3386



46.6371, 0.3323, 0.3836



46.6371, 0.2580, 0.3148



46.6371, 0.2911, 0.2799

Rectangle

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



46.6371, 0.3707, 0.3386



46.6371, 0.3654, 0.3757



46.6371, 0.2580, 0.3148



46.6371, 0.2618, 0.2819

Sweetspot

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



46.6393, 0.3707, 0.3386



87.9326, 0.3263, 0.3316



46.1361, 0.3221, 0.2675



18.3633, 0.3291, 0.3321



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.



46.6393, 0.3707, 0.3386



57.5153, 0.3863, 0.3406



59.2292, 0.3614, 0.3732



13.9831, 0.3289, 0.3321



9.8222, 0.6284, 0.3393



0.7746, 0.6046, 0.3581

Inverse Universe

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



61.5339, 0.2714, 0.3191



80.6711, 0.2641, 0.3169



47.5181, 0.2675, 0.2804



15.2559, 0.2982, 0.3259



26.0223, 0.2133, 0.2880



1.8888, 0.2153, 0.2949

Previews

White Background



This preview shows how the Yxy color 46.6371, 0.3707, 0.3386 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 46.6371, 0.3707, 0.3386 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 46.6371, 0.3707, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 46.6371, 0.3707, 0.3386.



This preview shows how white text looks on a background with the Yxy color 46.6371, 0.3707, 0.3386.

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

46.6371, 0.3707, 0.3386

Protanopia

46.6937, 0.3303, 0.3459

Deuteranopia

46.6079, 0.3558, 0.3477



Tritanopia

46.5347, 0.3564, 0.3140

Trichromacy



Original Color

46.6371, 0.3707, 0.3386

Protanomaly

46.5784, 0.3444, 0.3442

Deuteranomaly

46.5713, 0.3610, 0.3450

Tritanomaly

46.4633, 0.3618, 0.3233

Monochromacy



Original Color

46.6371, 0.3707, 0.3386

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3806, 0.3319, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6371, 0.3707, 0.3386 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, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(223, 169, 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(223, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 169, 161) }
```

Border

The CSS property to change the border of an element to Yxy 46.6371, 0.3707, 0.3386 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, 169, 161) }
```

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

```
.border{ border-color:rgb(223, 169, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 169, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 169, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 169, 161);  
box-shadow:4px 4px 4px 4px rgb(223, 169,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6371, 0.3707, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 169, 161) }
```

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

```
.background{ background-color: rgb(223,  
169, 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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