

Converting Colors

$Yxy(42.9150, 0.3687, 0.3336)$

Have a look what the booklet for
Yxy(42.9150, 0.3687, 0.3336)
contains.

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Color

Yxy(42.9082, 0.3691, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	D8A29E
RGB	216, 162, 158
RGB Percent	85%, 64%, 62%
CMY	0.1529, 0.3647, 0.3803
CMYK	0.00, 0.25, 0.27, 0.15
HSL	4°, 43%, 73%
HSV	4°, 27%, 85%
XYZ	47.4174, 42.9082, 38.1420
YIQ	177.6900, 33.4680, 10.2040

Conversions

Conversions Part 2

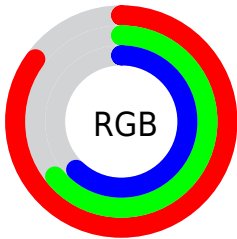
Format	Color
R _Y B	216, 162, 158
Decimal	14197406
CIE Lab	71.49, 19.43, 9.86
CIE LCh	71, 21.791, 26.911
Yxy	42.9082, 0.3691, 0.3340
Android (android.graphics.Color)	4292387486 (0xFFD8A29E)
YUV	177.6900, -9.7072, 33.5979
Hunter-Lab	65.5044, 14.5803, 11.3295

Details

The Yxy color **42.9082, 0.3691, 0.3340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.3457, 0.2733, 0.3239**, and the grayscale version is **44.3899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6898, 0.3436, 0.3331**, and **19.6870, 0.3857, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **35.6990, 0.3995, 0.3360**, and if you desaturate by 10%, it is **51.3868, 0.3443, 0.3320**.

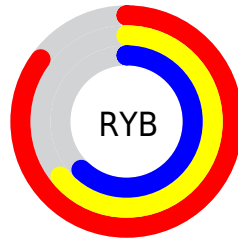
Distribution



Red (85%)

Green (64%)

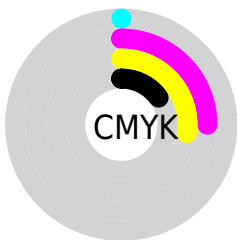
Blue (62%)



Red (85%)

Yellow (64%)

Blue (62%)

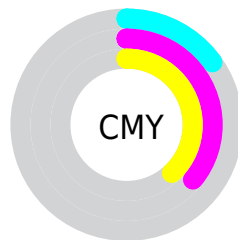


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9082, 0.3691, 0.3340 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 42.9082, 0.3691, 0.3340 by changing the saturation by 10% instead.


 42.9082, 0.3691,
0.3340


 42.9082, 0.3691,
0.3340

358.2341, 0.3403,
0.3320

 29.8131, 0.3765,
0.3343


 79.5723, 0.3585,
0.3334

 19.6968, 0.3861,
0.3346

 103.9101, 0.3545,
0.3332

 12.1748, 0.3991,
0.3348


132.7643, 0.3512,
0.3329

 6.8628, 0.4175,
0.3346

166.5192, 0.3484,
0.3327

 3.3765, 0.4456,
0.3335

205.5592, 0.3459,
0.3325

 1.3313, 0.4961,
0.3310

250.2688, 0.3438,

 0.1652, 0.7926,

0.3323

0.2074

301.0323, 0.3419,
0.3322

0.0000, 0.0000,
0.0000

42.9082, 0.3691,
0.3340

42.9082, 0.3691,
0.3340

35.6990, 0.3995,
0.3360

51.3868, 0.3443,
0.3320

29.6923, 0.4361,
0.3378

61.1853, 0.3242,
0.3302

24.8247, 0.4785,
0.3391

72.3590, 0.3080,
0.3285

21.0239, 0.5244,
0.3396

84.9581, 0.2948,
0.3269

18.2099, 0.5694,
0.3390

93.3424, 0.2894,
0.3289

■ 16.2911, 0.6068,
0.3369

■ 15.1581, 0.6306,
0.3339

■ 14.9377, 0.6358,
0.3333

Harmonies

Analogous

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



42.9082, 0.3472, 0.3087



42.9082, 0.3691, 0.3340



42.9082, 0.3749, 0.3594

Triad

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



42.9082, 0.3691, 0.3340



42.9082, 0.3067, 0.3745



42.9082, 0.2635, 0.2799

Complementary

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



42.9082, 0.3691, 0.3340



59.3457, 0.2733, 0.3239

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.



42.9082, 0.2541, 0.2944



42.9082, 0.3691, 0.3340



42.9082, 0.2782, 0.3498

Square

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



42.9082, 0.3691, 0.3340



42.9082, 0.3379, 0.3849



42.9082, 0.2593, 0.3197



42.9082, 0.2858, 0.2783

Rectangle

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



42.9082, 0.3691, 0.3340



42.9082, 0.3689, 0.3733



42.9082, 0.2593, 0.3197



42.9082, 0.2588, 0.2833

Sweetspot

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



42.9102, 0.3691, 0.3340



87.2233, 0.3264, 0.3304



43.8265, 0.3192, 0.2666



18.1864, 0.3293, 0.3307



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.



42.9102, 0.3691, 0.3340



56.5254, 0.3850, 0.3351



54.2860, 0.3602, 0.3682



12.5558, 0.3289, 0.3307



8.8965, 0.6346, 0.3343



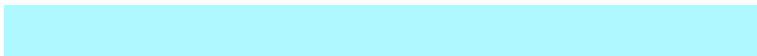
0.5856, 0.6184, 0.3471

Inverse Universe

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



59.3457, 0.2733, 0.3239



84.1604, 0.2661, 0.3228



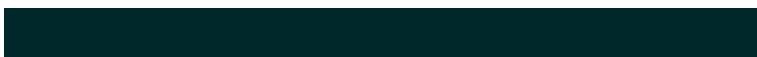
46.1630, 0.2696, 0.2863



13.9556, 0.2983, 0.3273



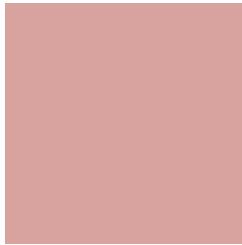
27.7873, 0.2188, 0.3076



1.7207, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 42.9082, 0.3691, 0.3340 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 42.9082, 0.3691, 0.3340 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 42.9082, 0.3691, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 42.9082, 0.3691, 0.3340.



This preview shows how white text looks on a background with the Yxy color 42.9082, 0.3691, 0.3340.

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

42.9082, 0.3691, 0.3340

Protanopia

43.2003, 0.3264, 0.3425

Deuteranopia

42.9524, 0.3516, 0.3446



Tritanopia

43.0256, 0.3579, 0.3147

Trichromacy



Original Color

42.9082, 0.3691, 0.3340

Protanomaly

42.8274, 0.3420, 0.3395

Deuteranomaly

42.6859, 0.3582, 0.3405

Tritanomaly

43.0315, 0.3616, 0.3219

Monochromacy



Original Color

42.9082, 0.3691, 0.3340

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6518, 0.3318, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9082, 0.3691, 0.3340 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(216, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(216, 162, 158)  
}
```

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(216, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 162, 158) }
```

Border

The CSS property to change the border of an element to Yxy 42.9082, 0.3691, 0.3340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

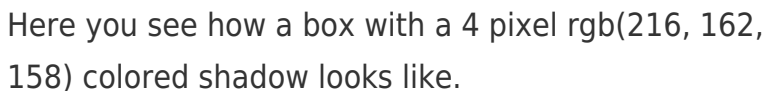
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 162, 158) }
```

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

```
.border{ border-color:rgb(216, 162, 158) }
```

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



Here you see how a box with a 4 pixel rgb(216, 162, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(216, 162,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9082, 0.3691, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 162, 158) }
```

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

```
.background{ background-color: rgb(216,  
162, 158) }
```

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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