

Converting Colors

$Yxy(44.8533, 0.3697, 0.3290)$

Have a look what the booklet for
Yxy(44.8533, 0.3697, 0.3290)
contains.

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Color

Yxy(44.9192, 0.3694, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	DFA4A4
RGB	223, 164, 164
RGB Percent	87%, 64%, 64%
CMY	0.1255, 0.3568, 0.3569
CMYK	0.00, 0.26, 0.26, 0.13
HSL	0°, 48%, 76%
HSV	0°, 26%, 87%
XYZ	50.4045, 44.9192, 41.1259
YIQ	181.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

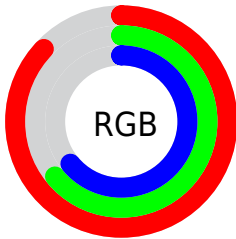
Format	Color
R _Y B	223, 164, 164
Decimal	14656676
CIE Lab	72.84, 21.79, 8.60
CIE LCh	73, 23.423, 21.538
Yxy	44.9192, 0.3694, 0.3292
Android (android.graphics.Color)	4292846756 (0xFFDFA4A4)
YUV	181.6410, -8.6970, 36.2718
Hunter-Lab	67.0218, 16.9548, 10.5337

Details

The Yxy color **44.9192, 0.3694, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.9730, 0.2742, 0.3289**, and the grayscale version is **46.6080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0375, 0.3390, 0.3291**, and **20.9737, 0.3870, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **36.8940, 0.4009, 0.3293**, and if you desaturate by 10%, it is **54.4877, 0.3440, 0.3291**.

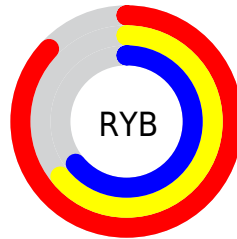
Distribution



Red (87%)

Green (64%)

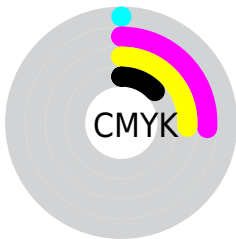
Blue (64%)



Red (87%)

Yellow (64%)

Blue (64%)

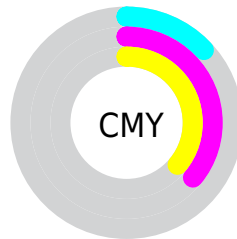


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (13%)



Cyan (13%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9192, 0.3694, 0.3292 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 44.9192, 0.3694, 0.3292 by changing the saturation by 10% instead.


 44.9192, 0.3694,
0.3292


 44.9192, 0.3694,
0.3292


366.4462, 0.3406,
0.3296

 31.3938, 0.3767,
0.3289


 82.5991, 0.3589,
0.3295

 20.8989, 0.3861,
0.3285


 107.5225, 0.3549,
0.3296

 13.0501, 0.3988,
0.3277


137.0139, 0.3516,
0.3296

 7.4631, 0.4167,
0.3262

171.4578, 0.3488,
0.3296

 3.7533, 0.4436,
0.3233

211.2386, 0.3463,
0.3296

 1.5366, 0.4885,
0.3166

256.7407, 0.3442,

 0.3143, 0.7255,

0.3296

0.2745

308.3484, 0.3423,
0.3296

0.0000, 0.0000,
0.0000

44.9192, 0.3694,
0.3292

44.9192, 0.3694,
0.3292

36.8940, 0.4009,
0.3293

54.4877, 0.3440,
0.3291

30.3254, 0.4392,
0.3294

65.6678, 0.3236,
0.3290

25.1281, 0.4837,
0.3296

78.5310, 0.3074,
0.3290

21.2050, 0.5318,
0.3297

93.1430, 0.2944,
0.3289

18.4465, 0.5778,
0.3299

94.4268, 0.2935,
0.3289

■ 16.7245, 0.6143,
0.3299

■ 15.8777, 0.6351,
0.3300

■ 15.6893, 0.6400,
0.3300

Harmonies

Analogous

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



44.9192, 0.3438, 0.3032



44.9192, 0.3694, 0.3292



44.9192, 0.3789, 0.3564

Triad

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



44.9192, 0.3694, 0.3292



44.9192, 0.3123, 0.3807



44.9192, 0.2579, 0.2788

Complementary

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



44.9192, 0.3694, 0.3292



65.9730, 0.2742, 0.3289

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.



44.9192, 0.2507, 0.2963



44.9192, 0.3694, 0.3292



44.9192, 0.2810, 0.3565

Square

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



44.9192, 0.3694, 0.3292



44.9192, 0.3448, 0.3883



44.9192, 0.2589, 0.3247



44.9192, 0.2792, 0.2748

Rectangle

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



44.9192, 0.3694, 0.3292



44.9192, 0.3747, 0.3721



44.9192, 0.2589, 0.3247



44.9192, 0.2538, 0.2832

Sweetspot

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



44.9213, 0.3694, 0.3292



86.4289, 0.3266, 0.3291



47.5581, 0.3158, 0.2634



17.9886, 0.3295, 0.3291



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.



44.9213, 0.3694, 0.3292



54.3496, 0.3868, 0.3293



56.7219, 0.3607, 0.3633



13.7017, 0.3292, 0.3291



9.2262, 0.6400, 0.3300



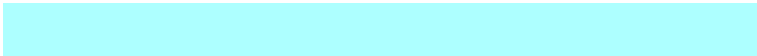
0.6399, 0.6399, 0.3301

Inverse Universe

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



65.9730, 0.2742, 0.3289



87.6432, 0.2668, 0.3288



51.5732, 0.2707, 0.2920



15.5711, 0.2982, 0.3289



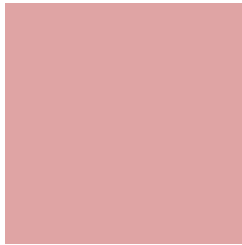
34.1282, 0.2246, 0.3286



2.3660, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 44.9192, 0.3694, 0.3292 looks on a white background.

Color Contrast Check

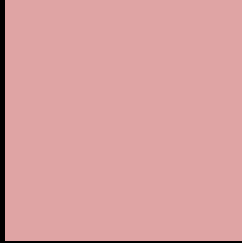
Large Text (above 18pt) WCAG AA × Fail

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 44.9192, 0.3694, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

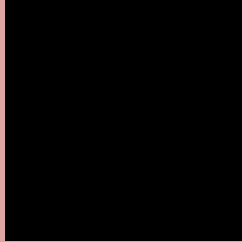
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9192, 0.3694, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 44.9192, 0.3694, 0.3292.



This preview shows how white text looks on a background with the Yxy color 44.9192, 0.3694, 0.3292.

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

44.9192, 0.3694, 0.3292

Protanopia

45.0097, 0.3229, 0.3369

Deuteranopia

45.1923, 0.3498, 0.3430



Tritanopia

44.7831, 0.3603, 0.3139

Trichromacy



Original Color

44.9192, 0.3694, 0.3292

Protanomaly

44.7575, 0.3389, 0.3342

Deuteranomaly

45.0954, 0.3563, 0.3378

Tritanomaly

44.9820, 0.3639, 0.3197

Monochromacy



Original Color

44.9192, 0.3694, 0.3292

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.6254, 0.3324, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9192, 0.3694, 0.3292 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, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(223, 164, 164)  
}
```

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, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 164, 164) }
```

Border

The CSS property to change the border of an element to Yxy 44.9192, 0.3694, 0.3292 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, 164, 164) }
```

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

```
.border{ border-color:rgb(223, 164, 164) }
```

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

Here you see how a box with a 4 pixel rgb(223, 164, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(223, 164,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9192, 0.3694, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 164, 164) }
```

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

```
.background{ background-color: rgb(223,  
164, 164) }
```

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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