

Converting Colors

$Yxy(44.8487, 0.3422, 0.3130)$

Have a look what the booklet for
Yxy(44.8487, 0.3422, 0.3130)
contains.

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Color

Yxy(44.7816, 0.3422, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	D3A7B4
RGB	211, 167, 180
RGB Percent	83%, 65%, 71%
CMY	0.1727, 0.3450, 0.2941
CMYK	0.00, 0.21, 0.15, 0.17
HSL	342°, 33%, 74%
HSV	342°, 21%, 83%
XYZ	48.9124, 44.7816, 49.2412
YIQ	181.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

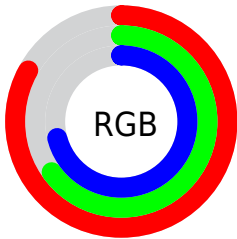
Format	Color
R_{YB}	211, 167, 180
Decimal	13871028
CIE _{Lab}	72.75, 18.15, -0.50
CIE _{LCh}	73, 18.152, 358.415
Yxy	44.7816, 0.3422, 0.3133
Android (android.graphics.Color)	4292061108 (0xFFD3A7B4)
YUV	181.6380, -0.8075, 25.7505
Hunter-Lab	66.9191, 13.3607, 3.2159

Details

The Yxy color **44.7816, 0.3422, 0.3133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.8654, 0.2899, 0.3453**, and the grayscale version is **46.5671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5587, 0.3268, 0.3152**, and **20.8617, 0.3513, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **37.0992, 0.3614, 0.3053**, and if you desaturate by 10%, it is **53.7940, 0.3265, 0.3211**.

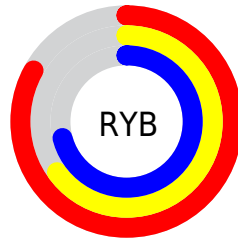
Distribution



Red (83%)

Green (65%)

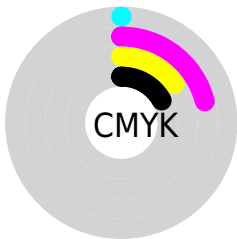
Blue (71%)



Red (83%)

Yellow (65%)

Blue (71%)

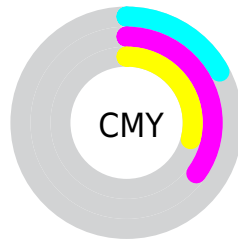


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (17%)



Cyan (17%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7816, 0.3422, 0.3133 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 44.7816, 0.3422, 0.3133 by changing the saturation by 10% instead.


 44.7816, 0.3422,
0.3133

 44.7816, 0.3422,
0.3133


365.8883, 0.3274,
0.3212

 31.2854, 0.3459,
0.3113


 82.3926, 0.3368,
0.3162

 20.8163, 0.3508,
0.3088


 107.2762, 0.3348,
0.3173

 12.9898, 0.3572,
0.3054


136.7244, 0.3331,
0.3182

 7.4215, 0.3663,
0.3006

171.1216, 0.3316,
0.3189

 3.7271, 0.3799,
0.2934

210.8522, 0.3303,
0.3196

 1.5221, 0.4029,
0.2813

256.3006, 0.3292,

 0.3042, 0.5219,

0.3202

0.2169

307.8512, 0.3282,
0.3207

0.0000, 0.0000,
0.0000

44.7816, 0.3422,
0.3133

44.7816, 0.3422,
0.3133

37.0992, 0.3614,
0.3053

53.7940, 0.3265,
0.3211

30.6775, 0.3848,
0.2974

64.1891, 0.3137,
0.3284

25.4504, 0.4125,
0.2902

76.0243, 0.3032,
0.3352

21.3431, 0.4447,
0.2846

89.3519, 0.2947,
0.3414

18.2722, 0.4802,
0.2818

92.5410, 0.2869,
0.3296

■ 16.1427, 0.5171,
0.2829

■ 92.5836, 0.2866,
0.3289

■ 14.8417, 0.5521,
0.2886

■ 14.1944, 0.5801,
0.2970

Harmonies

Analogous

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



44.7816, 0.3172, 0.2963



44.7816, 0.3422, 0.3133



44.7816, 0.3595, 0.3345

Triad

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



44.7816, 0.3422, 0.3133



44.7816, 0.3324, 0.3746



44.7816, 0.2643, 0.2999

Complementary

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



44.7816, 0.3422, 0.3133



58.8654, 0.2899, 0.3453

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.



44.7816, 0.2680, 0.3205



44.7816, 0.3422, 0.3133



44.7816, 0.3067, 0.3652

Square

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



44.7816, 0.3422, 0.3133



44.7816, 0.3534, 0.3704



44.7816, 0.2833, 0.3449



44.7816, 0.2728, 0.2881

Rectangle

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



44.7816, 0.3422, 0.3133



44.7816, 0.3638, 0.3488



44.7816, 0.2833, 0.3449



44.7816, 0.2642, 0.3059

Sweetspot

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



44.7836, 0.3422, 0.3133



89.9485, 0.3200, 0.3246



44.3224, 0.3037, 0.2758



19.0289, 0.3209, 0.3242



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.



44.7836, 0.3422, 0.3133



63.2873, 0.3503, 0.3098



47.6104, 0.3521, 0.3399



11.8648, 0.3245, 0.3222



8.5853, 0.5763, 0.2948



0.4940, 0.5231, 0.2655

Inverse Universe

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



44.7836, 0.3422, 0.3133



63.2873, 0.3503, 0.3098



55.2426, 0.2811, 0.3179



11.8648, 0.3245, 0.3222



8.5853, 0.5763, 0.2948



0.4940, 0.5231, 0.2655

Previews

White Background



This preview shows how the Yxy color 44.7816, 0.3422, 0.3133 looks on a white background.

Color Contrast Check

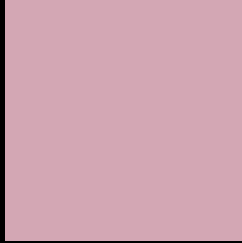
Large Text (above 18pt) WCAG AA × Fail

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 44.7816, 0.3422, 0.3133 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 44.7816, 0.3422, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 44.7816, 0.3422, 0.3133.



This preview shows how white text looks on a background with the Yxy color 44.7816, 0.3422, 0.3133.

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

44.7816, 0.3422, 0.3133

Protanopia

45.0893, 0.3080, 0.3185

Deuteranopia

44.8776, 0.3284, 0.3214



Tritanopia

44.7816, 0.3422, 0.3133

Trichromacy



Original Color

44.7816, 0.3422, 0.3133

Protanomaly

44.8092, 0.3195, 0.3162

Deuteranomaly

44.7980, 0.3332, 0.3190

Tritanomaly

44.7816, 0.3422, 0.3133

Monochromacy



Original Color

44.7816, 0.3422, 0.3133

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1179, 0.3235, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7816, 0.3422, 0.3133 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(211, 167, 180)` looks like.

```
.text, #text, p{  
    color:rgb(211, 167, 180)  
}
```

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(211, 167, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 167, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.7816, 0.3422, 0.3133 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(211, 167, 180) }
```

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

```
.border{ border-color:rgb(211, 167, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 167, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 167, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 167, 180);  
box-shadow:4px 4px 4px 4px rgb(211, 167,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7816, 0.3422, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 167, 180) }
```

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

```
.background{ background-color: rgb(211,  
167, 180) }
```

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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