

Converting Colors

$Y_{xy}(44.3762, 0.3419, 0.3119)$

Have a look what the booklet for
Yxy(44.3762, 0.3419, 0.3119)
contains.

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Color

Yxy(44.4166, 0.3424, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	D3A6B4
RGB	211, 166, 180
RGB Percent	83%, 65%, 71%
CMY	0.1725, 0.3490, 0.2940
CMYK	0.00, 0.21, 0.15, 0.17
HSL	341°, 34%, 74%
HSV	341°, 21%, 83%
XYZ	48.7444, 44.4166, 49.1999
YIQ	181.0510, 22.3260, 13.8940

Conversions

Conversions Part 2

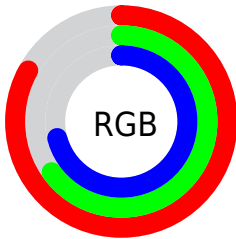
Format	Color
R _Y B	211, 166, 180
Decimal	13870772
CIE Lab	72.51, 18.73, -0.88
CIE LCh	73, 18.749, 357.322
Yxy	44.4166, 0.3424, 0.3120
Android (android.graphics.Color)	4292060852 (0xFFD3A6B4)
YUV	181.0510, -0.5181, 26.2653
Hunter-Lab	66.6458, 13.9238, 2.8824

Details

The Yxy color **44.4166, 0.3424, 0.3120** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.7341, 0.2899, 0.3467**, and the grayscale version is **46.2337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0290, 0.3269, 0.3142**, and **20.6349, 0.3515, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **36.8048, 0.3614, 0.3035**, and if you desaturate by 10%, it is **53.3531, 0.3269, 0.3202**.

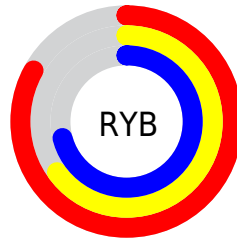
Distribution



Red (83%)

Green (65%)

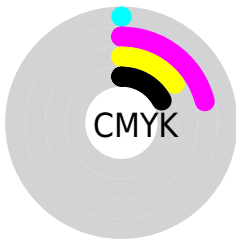
Blue (71%)



Red (83%)

Yellow (65%)

Blue (71%)

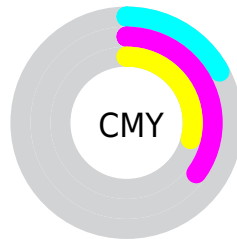


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (17%)



Cyan (17%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4166, 0.3424, 0.3120 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 44.4166, 0.3424, 0.3120 by changing the saturation by 10% instead.

 44.4166, 0.3424,
0.3120

 44.4166, 0.3424,
0.3120


364.4056, 0.3275,
0.3205

 30.9982, 0.3462,
0.3099


 81.8443, 0.3369,
0.3151

 20.5974, 0.3510,
0.3071

 106.6223, 0.3349,
0.3163

 12.8301, 0.3575,
0.3034


135.9556, 0.3332,
0.3173

 7.3116, 0.3667,
0.2983

170.2286, 0.3317,
0.3181

 3.6577, 0.3805,
0.2905

209.8257, 0.3304,
0.3188

 1.4840, 0.4038,
0.2776

255.1313, 0.3293,

 0.2774, 0.5294,

0.3195

0.2038

306.5298, 0.3283,
0.3200

0.0000, 0.0000,
0.0000

44.4166, 0.3424,
0.3120

44.4166, 0.3424,
0.3120

36.8048, 0.3614,
0.3035

53.3531, 0.3269,
0.3202

30.4484, 0.3843,
0.2952

63.6673, 0.3142,
0.3280

25.2810, 0.4115,
0.2877

75.4165, 0.3039,
0.3352

21.2277, 0.4430,
0.2818

88.6531, 0.2955,
0.3418

18.2046, 0.4777,
0.2788

92.4409, 0.2878,
0.3313

■ 16.1163, 0.5137,
0.2799

■ 92.5915, 0.2866,
0.3289

■ 14.8486, 0.5480,
0.2857

■ 14.2423, 0.5743,
0.2937

Harmonies

Analogous

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



44.4166, 0.3163, 0.2947



44.4166, 0.3424, 0.3120



44.4166, 0.3607, 0.3339

Triad

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



44.4166, 0.3424, 0.3120



44.4166, 0.3340, 0.3763



44.4166, 0.2625, 0.2994

Complementary

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



44.4166, 0.3424, 0.3120



58.7341, 0.2899, 0.3467

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.



44.4166, 0.2669, 0.3210



44.4166, 0.3424, 0.3120



44.4166, 0.3074, 0.3672

Square

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



44.4166, 0.3424, 0.3120



44.4166, 0.3555, 0.3714



44.4166, 0.2830, 0.3463



44.4166, 0.2709, 0.2870

Rectangle

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



44.4166, 0.3424, 0.3120



44.4166, 0.3656, 0.3486



44.4166, 0.2830, 0.3463



44.4166, 0.2626, 0.3058

Sweetspot

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



44.4186, 0.3424, 0.3120



89.9639, 0.3199, 0.3244



43.8126, 0.3028, 0.2743



19.0325, 0.3207, 0.3239



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.



44.4186, 0.3424, 0.3120



62.1480, 0.3513, 0.3078



46.9729, 0.3534, 0.3392



11.8681, 0.3242, 0.3218



8.6100, 0.5703, 0.2916



0.4957, 0.5175, 0.2625

Inverse Universe

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



44.4186, 0.3424, 0.3120



62.1480, 0.3513, 0.3078



55.4107, 0.2804, 0.3185



11.8681, 0.3242, 0.3218



8.6100, 0.5703, 0.2916



0.4957, 0.5175, 0.2625

Previews

White Background



This preview shows how the Yxy color 44.4166, 0.3424, 0.3120 looks on a white background.

Color Contrast Check

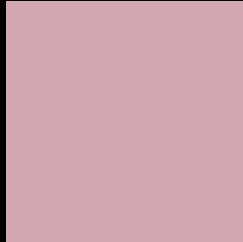
Large Text (above 18pt) WCAG AA × Fail

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 44.4166, 0.3424, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

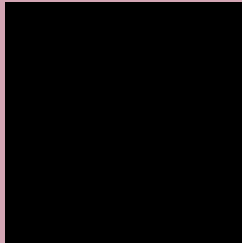
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4166, 0.3424, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 44.4166, 0.3424, 0.3120.



This preview shows how white text looks on a background with the Yxy color 44.4166, 0.3424, 0.3120.

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

44.4166, 0.3424, 0.3120

Protanopia

44.6158, 0.3064, 0.3159

Deuteranopia

44.3618, 0.3276, 0.3201



Tritanopia

44.3760, 0.3433, 0.3133

Trichromacy



Original Color

44.4166, 0.3424, 0.3120

Protanomaly

44.4242, 0.3196, 0.3150

Deuteranomaly

44.4216, 0.3334, 0.3178

Tritanomaly

44.3760, 0.3433, 0.3133

Monochromacy



Original Color

44.4166, 0.3424, 0.3120

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5933, 0.3227, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4166, 0.3424, 0.3120 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, 166, 180)` looks like.

```
.text, #text, p{  
    color:rgb(211, 166, 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, 166, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 166, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.4166, 0.3424, 0.3120 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, 166, 180) }
```

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

```
.border{ border-color:rgb(211, 166, 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, 166, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 166, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 166, 180);  
box-shadow:4px 4px 4px 4px rgb(211, 166,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4166, 0.3424, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 166, 180) }
```

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

```
.background{ background-color: rgb(211,  
166, 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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