

Converting Colors

$Yxy(44.6301, 0.3427, 0.3074)$

Have a look what the booklet for
Yxy(44.6301, 0.3427, 0.3074)
contains.

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Color

Yxy(44.6253, 0.3426, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	D6A5B7
RGB	214, 165, 183
RGB Percent	84%, 65%, 72%
CMY	0.1608, 0.3529, 0.2822
CMYK	0.00, 0.23, 0.14, 0.16
HSL	338°, 37%, 74%
HSV	338°, 23%, 84%
XYZ	49.7353, 44.6253, 50.8095
YIQ	181.7030, 23.4260, 15.9860

Conversions

Conversions Part 2

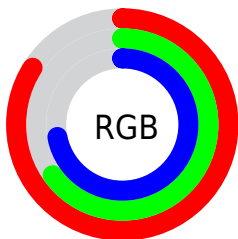
Format	Color
R _Y B	214, 165, 183
Decimal	14067127
CIE Lab	72.64, 20.83, -2.29
CIE LCh	73, 20.951, 353.716
Yxy	44.6253, 0.3426, 0.3074
Android (android.graphics.Color)	4292257207 (0xFFD6A5B7)
YUV	181.7030, 0.6394, 28.3245
Hunter-Lab	66.8022, 15.9923, 1.6657

Details

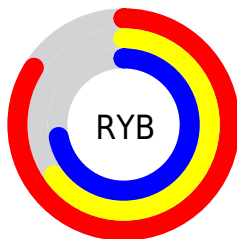
The Yxy color **44.6253, 0.3426, 0.3074** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.0741, 0.2900, 0.3518**, and the grayscale version is **46.5978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6784, 0.3250, 0.3103**, and **20.7929, 0.3518, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **37.0060, 0.3605, 0.2974**, and if you desaturate by 10%, it is **53.5943, 0.3279, 0.3172**.

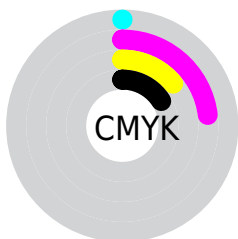
Distribution



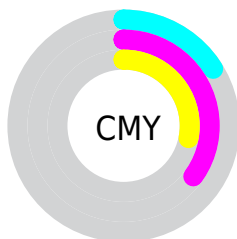
- Red (84%)
- Green (65%)
- Blue (72%)



- Red (84%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6253, 0.3426, 0.3074 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 44.6253, 0.3426, 0.3074 by changing the saturation by 10% instead.

 44.6253, 0.3426,
0.3074


 44.6253, 0.3426,
0.3074


365.2539, 0.3276,
0.3182

 31.1624, 0.3464,
0.3047


 82.1578, 0.3371,
0.3113

 20.7225, 0.3512,
0.3013


 106.9963, 0.3351,
0.3128

 12.9213, 0.3577,
0.2967

136.3953, 0.3334,
0.3140

 7.3744, 0.3667,
0.2904

170.7394, 0.3319,
0.3151

 3.6973, 0.3803,
0.2810

210.4129, 0.3306,
0.3160

 1.5057, 0.4030,
0.2656

255.8002, 0.3295,

 0.2928, 0.5047,

0.3168

0.1878

307.2858, 0.3285,
0.3175

0.0000, 0.0000,
0.0000

44.6253, 0.3426,
0.3074

44.6253, 0.3426,
0.3074

37.0060, 0.3605,
0.2974

53.5943, 0.3279,
0.3172

30.6646, 0.3819,
0.2877

63.9682, 0.3158,
0.3264

25.5319, 0.4072,
0.2789

75.8065, 0.3059,
0.3351

21.5294, 0.4362,
0.2721

89.1632, 0.2978,
0.3430

18.5694, 0.4680,
0.2685

92.7586, 0.2906,
0.3334

■ 16.5513, 0.5009,
0.2694

■ 93.0353, 0.2883,
0.3289

■ 15.3535, 0.5324,
0.2754

■ 14.8563, 0.5531,
0.2821

Harmonies

Analogous

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



44.6253, 0.3129, 0.2892



44.6253, 0.3426, 0.3074



44.6253, 0.3646, 0.3312

Triad

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



44.6253, 0.3426, 0.3074



44.6253, 0.3397, 0.3821



44.6253, 0.2568, 0.2983

Complementary

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



44.6253, 0.3426, 0.3074



60.0741, 0.2900, 0.3518

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.



44.6253, 0.2633, 0.3233



44.6253, 0.3426, 0.3074



44.6253, 0.3103, 0.3739

Square

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



44.6253, 0.3426, 0.3074



44.6253, 0.3625, 0.3746



44.6253, 0.2825, 0.3516



44.6253, 0.2644, 0.2832

Rectangle

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



44.6253, 0.3426, 0.3074



44.6253, 0.3714, 0.3477



44.6253, 0.2825, 0.3516



44.6253, 0.2574, 0.3058

Sweetspot

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



44.6273, 0.3426, 0.3074



88.4299, 0.3205, 0.3226



43.3972, 0.2991, 0.2695



18.7249, 0.3213, 0.3221



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.



44.6273, 0.3426, 0.3074



61.1687, 0.3500, 0.3030



46.0321, 0.3580, 0.3361



12.4956, 0.3234, 0.3204



8.9986, 0.5493, 0.2799



0.5585, 0.5018, 0.2538

Inverse Universe

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



44.6273, 0.3426, 0.3074



61.1687, 0.3500, 0.3030



58.1025, 0.2785, 0.3218



12.4956, 0.3234, 0.3204



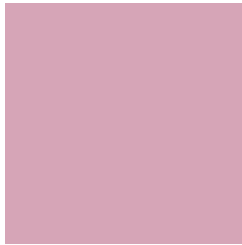
8.9986, 0.5493, 0.2799



0.5585, 0.5018, 0.2538

Previews

White Background



This preview shows how the Yxy color 44.6253, 0.3426, 0.3074 looks on a white background.

Color Contrast Check

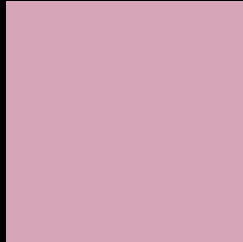
Large Text (above 18pt) WCAG AA × Fail

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 44.6253, 0.3426, 0.3074 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 44.6253, 0.3426, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 44.6253, 0.3426, 0.3074.



This preview shows how white text looks on a background with the Yxy color 44.6253, 0.3426, 0.3074.

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

44.6253, 0.3426, 0.3074

Protanopia

44.6270, 0.3032, 0.3120

Deuteranopia

44.7339, 0.3240, 0.3176



Tritanopia

44.6732, 0.3452, 0.3134

Trichromacy



Original Color

44.6253, 0.3426, 0.3074

Protanomaly

44.5514, 0.3171, 0.3112

Deuteranomaly

44.5444, 0.3307, 0.3141

Tritanomaly

44.7139, 0.3443, 0.3122

Monochromacy



Original Color

44.6253, 0.3426, 0.3074

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8974, 0.3237, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6253, 0.3426, 0.3074 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(214, 165, 183)` looks like.

```
.text, #text, p{  
    color:rgb(214, 165, 183)  
}
```

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(214, 165, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 165, 183) }
```

Border

The CSS property to change the border of an element to Yxy 44.6253, 0.3426, 0.3074 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(214, 165, 183) }
```

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

```
.border{ border-color:rgb(214, 165, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 165, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 165, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 165, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 165,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6253, 0.3426, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 165, 183) }
```

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

```
.background{ background-color: rgb(214,  
165, 183) }
```

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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