

Converting Colors

$Yxy(46.4645, 0.3418, 0.3135)$

Have a look what the booklet for
Yxy(46.4645, 0.3418, 0.3135)
contains.

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Color

Yxy(46.4645, 0.3418, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	D6AAB7
RGB	214, 170, 183
RGB Percent	84%, 67%, 72%
CMY	0.1607, 0.3334, 0.2824
CMYK	0.00, 0.21, 0.15, 0.16
HSL	342°, 35%, 75%
HSV	342°, 21%, 84%
XYZ	50.6589, 46.4645, 51.0887
YIQ	184.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

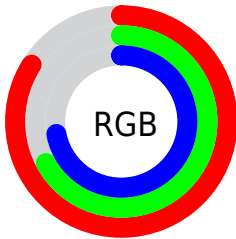
Format	Color
R _Y B	214, 170, 183
Decimal	14068407
CIE Lab	73.85, 18.13, -0.51
CIE LCh	74, 18.133, 358.403
Yxy	46.4645, 0.3418, 0.3135
Android (android.graphics.Color)	4292258487 (0xFFD6AAB7)
YUV	184.6380, -0.8075, 25.7505
Hunter-Lab	68.1649, 13.3694, 3.2783

Details

The Yxy color **46.4645, 0.3418, 0.3135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.8740, 0.2901, 0.3451**, and the grayscale version is **48.3015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3424, 0.3245, 0.3152**, and **21.9395, 0.3504, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **38.4900, 0.3610, 0.3055**, and if you desaturate by 10%, it is **55.8169, 0.3261, 0.3213**.

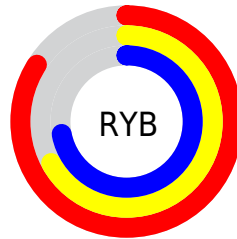
Distribution



Red (84%)

Green (67%)

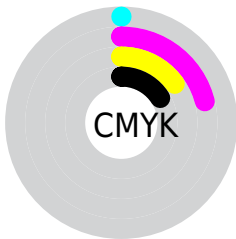
Blue (72%)



Red (84%)

Yellow (67%)

Blue (72%)

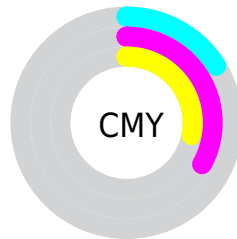


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4645, 0.3418, 0.3135 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 46.4645, 0.3418, 0.3135 by changing the saturation by 10% instead.


 46.4645, 0.3418,
0.3135

 46.4645, 0.3418,
0.3135


372.6730, 0.3273,
0.3212

 32.6125, 0.3454,
0.3116


 84.9137, 0.3365,
0.3163

 21.8298, 0.3501,
0.3091


110.2798, 0.3345,
0.3174

 13.7319, 0.3563,
0.3058


140.2526, 0.3329,
0.3183

 7.9344, 0.3650,
0.3012

175.2167, 0.3314,
0.3190

 4.0530, 0.3780,
0.2944

215.5564, 0.3302,
0.3197

 1.7033, 0.3995,
0.2831

261.6561, 0.3291,

 0.4258, 0.4781,

0.3203

0.2403

313.9001, 0.3281,
0.3208

0.0000, 0.0000,
0.0000

46.4645, 0.3418,
0.3135

46.4645, 0.3418,
0.3135

38.4900, 0.3610,
0.3055

55.8169, 0.3261,
0.3213

31.8218, 0.3842,
0.2976

66.6019, 0.3134,
0.3286

26.3914, 0.4119,
0.2904

78.8785, 0.3030,
0.3354

22.1217, 0.4440,
0.2848

92.3129, 0.2945,
0.3410

18.9264, 0.4796,
0.2819

93.0410, 0.2883,
0.3289

■ 16.7074, 0.5165,
0.2829

■ 15.3482, 0.5517,
0.2885

■ 14.6613, 0.5804,
0.2971

Harmonies

Analogous

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



46.4645, 0.3171, 0.2967



46.4645, 0.3418, 0.3135



46.4645, 0.3588, 0.3345

Triad

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



46.4645, 0.3418, 0.3135



46.4645, 0.3322, 0.3739



46.4645, 0.2649, 0.3003

Complementary

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



46.4645, 0.3418, 0.3135



60.8740, 0.2901, 0.3451

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.



46.4645, 0.2686, 0.3206



46.4645, 0.3418, 0.3135



46.4645, 0.3068, 0.3647

Square

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



46.4645, 0.3418, 0.3135



46.4645, 0.3529, 0.3699



46.4645, 0.2837, 0.3447



46.4645, 0.2733, 0.2887

Rectangle

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



46.4645, 0.3418, 0.3135



46.4645, 0.3631, 0.3485



46.4645, 0.2837, 0.3447



46.4645, 0.2648, 0.3063

Sweetspot

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



46.4666, 0.3418, 0.3135



89.9483, 0.3200, 0.3246



45.9968, 0.3038, 0.2764



19.0288, 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.



46.4666, 0.3418, 0.3135



63.2865, 0.3503, 0.3098



49.3640, 0.3515, 0.3397



12.4805, 0.3245, 0.3221



8.8748, 0.5766, 0.2950



0.5497, 0.5268, 0.2675

Inverse Universe

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



46.4666, 0.3418, 0.3135



63.2865, 0.3503, 0.3098



57.1724, 0.2815, 0.3180



12.4805, 0.3245, 0.3221



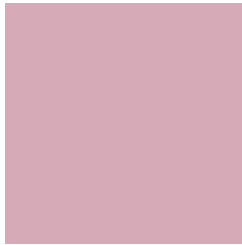
8.8748, 0.5766, 0.2950



0.5497, 0.5268, 0.2675

Previews

White Background



This preview shows how the Yxy color 46.4645, 0.3418, 0.3135 looks on a white background.

Color Contrast Check

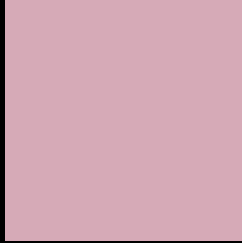
Large Text (above 18pt) WCAG AA × Fail

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 46.4645, 0.3418, 0.3135 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 46.4645, 0.3418, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 46.4645, 0.3418, 0.3135.



This preview shows how white text looks on a background with the Yxy color 46.4645, 0.3418, 0.3135.

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

46.4645, 0.3418, 0.3135

Protanopia

46.7891, 0.3081, 0.3187

Deuteranopia

46.5702, 0.3281, 0.3215



Tritanopia

46.4645, 0.3418, 0.3135

Trichromacy



Original Color

46.4645, 0.3418, 0.3135

Protanomaly

46.5015, 0.3194, 0.3164

Deuteranomaly

46.4869, 0.3329, 0.3192

Tritanomaly

46.4645, 0.3418, 0.3135

Monochromacy



Original Color

46.4645, 0.3418, 0.3135

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8390, 0.3233, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4645, 0.3418, 0.3135 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, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(214, 170, 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, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 170, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.4645, 0.3418, 0.3135 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, 170, 183) }
```

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

```
.border{ border-color:rgb(214, 170, 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, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 170,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4645, 0.3418, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 170, 183) }
```

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

```
.background{ background-color: rgb(214,  
170, 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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