

Converting Colors

$Yxy(46.2434, 0.3246, 0.3091)$

Have a look what the booklet for
Yxy(46.2434, 0.3246, 0.3091)
contains.

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Color

Yxy(46.1614, 0.3244, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	CAADBE
RGB	202, 173, 190
RGB Percent	79%, 68%, 75%
CMY	0.2077, 0.3216, 0.2549
CMYK	0.00, 0.14, 0.06, 0.21
HSL	325°, 22%, 74%
HSV	325°, 14%, 79%
XYZ	48.6036, 46.1614, 55.0611
YIQ	183.6090, 11.8270, 11.4350

Conversions

Conversions Part 2

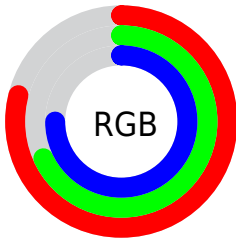
Format	Color
R_{YB}	202, 173, 190
Decimal	13282750
CIE _{Lab}	73.65, 13.41, -4.77
CIE _{LCh}	74, 14.234, 340.418
Yxy	46.1614, 0.3244, 0.3081
Android (android.graphics.Color)	4291472830 (0xFFCAADBE)
YUV	183.6090, 3.1508, 16.1289
Hunter-Lab	67.9422, 8.7941, -0.4897

Details

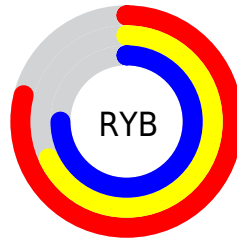
The Yxy color **46.1614, 0.3244, 0.3081** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6499, 0.3025, 0.3509**, and the grayscale version is **47.6866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4006, 0.3197, 0.3114**, and **21.7768, 0.3274, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **38.6365, 0.3344, 0.2928**, and if you desaturate by 10%, it is **54.8831, 0.3160, 0.3228**.

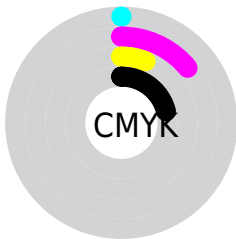
Distribution



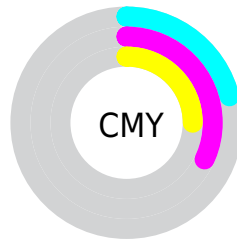
- Red (79%)
- Green (68%)
- Blue (75%)



- Red (79%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (21%)





- Cyan (21%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1614, 0.3244, 0.3081 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 46.1614, 0.3244, 0.3081 by changing the saturation by 10% instead.


 46.1614, 0.3244,
0.3081

 46.1614, 0.3244,
0.3081


371.4572, 0.3186,
0.3184

 32.3732, 0.3258,
0.3056


 84.4605, 0.3223,
0.3118

 21.6467, 0.3276,
0.3023


109.7402, 0.3215,
0.3132

 13.5975, 0.3300,
0.2981


139.6192, 0.3209,
0.3144

 7.8413, 0.3333,
0.2922

174.4818, 0.3203,
0.3154

 3.9936, 0.3382,
0.2837

214.7125, 0.3198,
0.3163

 1.6700, 0.3461,
0.2699

260.6958, 0.3194,

 0.4041, 0.3766,

0.3171

0.2139

312.8158, 0.3190,
0.3178

0.0000, 0.0000,
0.0000

46.1614, 0.3244,
0.3081

46.1614, 0.3244,
0.3081

38.6365, 0.3344,
0.2928

54.8831, 0.3160,
0.3228

32.2496, 0.3463,
0.2774

64.8449, 0.3089,
0.3367

26.9459, 0.3601,
0.2623

76.0957, 0.3031,
0.3496

22.6636, 0.3758,
0.2486

88.6796, 0.2982,
0.3616

19.3348, 0.3932,
0.2373

89.9028, 0.2937,
0.3536

■ 16.8831, 0.4120,
0.2295

■ 90.3901, 0.2893,
0.3445

■ 15.2204, 0.4313,
0.2264

■ 90.9003, 0.2849,
0.3356

■ 14.2398, 0.4505,
0.2285

■ 91.3030, 0.2816,
0.3289

■ 13.8772, 0.4611,
0.2314

Harmonies

Analogous

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



46.1614, 0.3041, 0.2981



46.1614, 0.3244, 0.3081



46.1614, 0.3419, 0.3233

Triad

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



46.1614, 0.3244, 0.3081



46.1614, 0.3387, 0.3636



46.1614, 0.2754, 0.3156

Complementary

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



46.1614, 0.3244, 0.3081



54.6499, 0.3025, 0.3509

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.



46.1614, 0.2841, 0.3339



46.1614, 0.3244, 0.3081



46.1614, 0.3203, 0.3624

Square

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



46.1614, 0.3244, 0.3081



46.1614, 0.3503, 0.3552



46.1614, 0.3004, 0.3514



46.1614, 0.2764, 0.3018

Rectangle

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



46.1614, 0.3244, 0.3081



46.1614, 0.3494, 0.3347



46.1614, 0.3004, 0.3514



46.1614, 0.2773, 0.3214

Sweetspot

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



46.1634, 0.3244, 0.3081



93.3944, 0.3157, 0.3233



44.4154, 0.2995, 0.2922



19.7327, 0.3163, 0.3222



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.



46.1634, 0.3244, 0.3081



74.2880, 0.3271, 0.3038



45.5763, 0.3366, 0.3254



11.3220, 0.3200, 0.3155



8.9434, 0.4587, 0.2301



0.4763, 0.4247, 0.2113

Inverse Universe

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



46.1634, 0.3244, 0.3081



74.2880, 0.3271, 0.3038



55.2756, 0.2930, 0.3326



11.3220, 0.3200, 0.3155



8.9434, 0.4587, 0.2301



0.4763, 0.4247, 0.2113

Previews

White Background



This preview shows how the Yxy color 46.1614, 0.3244, 0.3081 looks on a white background.

Color Contrast Check

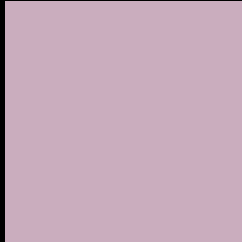
Large Text (above 18pt) WCAG AA × Fail

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 46.1614, 0.3244, 0.3081 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 46.1614, 0.3244, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 46.1614, 0.3244, 0.3081.



This preview shows how white text looks on a background with the Yxy color 46.1614, 0.3244, 0.3081.

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

46.1614, 0.3244, 0.3081

Protanopia

46.3613, 0.3026, 0.3110

Deuteranopia

46.3269, 0.3187, 0.3127



Tritanopia

46.0316, 0.3269, 0.3117

Trichromacy



Original Color

46.1614, 0.3244, 0.3081

Protanomaly

46.1134, 0.3102, 0.3087

Deuteranomaly

46.3398, 0.3215, 0.3116

Tritanomaly

46.0745, 0.3261, 0.3105

Monochromacy



Original Color

46.1614, 0.3244, 0.3081

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.2641, 0.3174, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1614, 0.3244, 0.3081 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(202, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 173, 190)  
}
```

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(202, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 173, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.1614, 0.3244, 0.3081 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(202, 173, 190) }
```

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

```
.border{ border-color:rgb(202, 173, 190) }
```

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

Here you see how a box with a 4 pixel rgb(202, 173, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 173,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1614, 0.3244, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 173, 190) }
```

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

```
.background{ background-color: rgb(202,  
173, 190) }
```

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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