

Converting Colors

Yxy(46.6118, 0.3321, 0.3136)

Have a look what the booklet for
Yxy(46.6118, 0.3321, 0.3136)
contains.

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Color

Yxy(46.5541, 0.3314, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	CEADBA
RGB	206, 173, 186
RGB Percent	81%, 68%, 73%
CMY	0.1921, 0.3215, 0.2707
CMYK	0.00, 0.16, 0.10, 0.19
HSL	336°, 25%, 74%
HSV	336°, 16%, 81%
XYZ	49.2594, 46.5541, 52.8267
YIQ	184.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

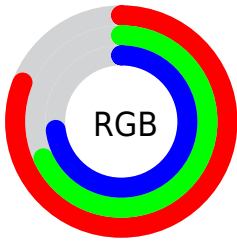
Format	Color
R _{YB}	206, 173, 186
Decimal	13544890
CIE Lab	73.90, 14.11, -2.15
CIE LCh	74, 14.271, 351.341
Yxy	46.5541, 0.3314, 0.3132
Android (android.graphics.Color)	4291734970 (0xFFCEADBA)
YUV	184.3490, 0.8139, 18.9879
Hunter-Lab	68.2306, 9.4654, 1.8568

Details

The Yxy color **46.5541, 0.3314, 0.3132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8845, 0.2971, 0.3454**, and the grayscale version is **48.1255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7094, 0.3222, 0.3163**, and **21.9475, 0.3359, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **38.7461, 0.3464, 0.3027**, and if you desaturate by 10%, it is **55.6310, 0.3191, 0.3232**.

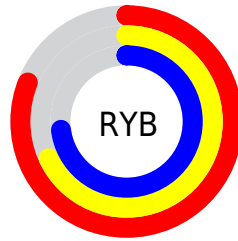
Distribution



Red (81%)

Green (68%)

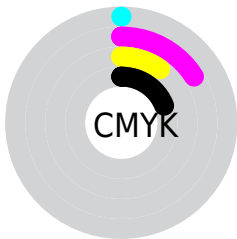
Blue (73%)



Red (81%)

Yellow (68%)

Blue (73%)

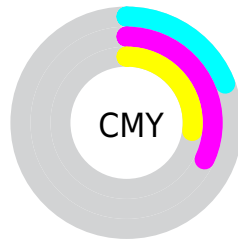


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5541, 0.3314, 0.3132 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 46.5541, 0.3314, 0.3132 by changing the saturation by 10% instead.


 46.5541, 0.3314,
0.3132

 46.5541, 0.3314,
0.3132

373.0319, 0.3221,
0.3210

 32.6833, 0.3337,
0.3113


 85.0477, 0.3280,
0.3160

 21.8839, 0.3367,
0.3088


110.4392, 0.3268,
0.3171

 13.7716, 0.3406,
0.3055


140.4397, 0.3257,
0.3180

 7.9620, 0.3461,
0.3010

175.4337, 0.3248,
0.3188

 4.0706, 0.3543,
0.2943

215.8056, 0.3240,
0.3195

 1.7132, 0.3678,
0.2834

261.9396, 0.3233,

 0.4322, 0.4177,

0.3200

314.2202, 0.3226,
0.3206

0.2390

0.0000, 0.0000,
0.0000

46.5541, 0.3314,
0.3132

46.5541, 0.3314,
0.3132

38.7461, 0.3464,
0.3027

55.6310, 0.3191,
0.3232

32.1439, 0.3645,
0.2921

66.0237, 0.3089,
0.3327

26.6885, 0.3861,
0.2819

77.7845, 0.3006,
0.3414

22.3131, 0.4112,
0.2730

90.6996, 0.2938,
0.3490

18.9444, 0.4396,
0.2665

91.4524, 0.2872,
0.3357

■ 16.4993, 0.4703,
0.2636

■ 91.8633, 0.2838,
0.3289

■ 14.8818, 0.5017,
0.2655

■ 13.9715, 0.5313,
0.2727

■ 13.7162, 0.5425,
0.2762

Harmonies

Analogous

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



46.5541, 0.3115, 0.3010



46.5541, 0.3314, 0.3132



46.5541, 0.3466, 0.3295

Triad

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



46.5541, 0.3314, 0.3132



46.5541, 0.3325, 0.3643



46.5541, 0.2746, 0.3099

Complementary

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



46.5541, 0.3314, 0.3132



56.8845, 0.2971, 0.3454

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.



46.5541, 0.2799, 0.3270



46.5541, 0.3314, 0.3132



46.5541, 0.3130, 0.3594

Square

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



46.5541, 0.3314, 0.3132



46.5541, 0.3471, 0.3592



46.5541, 0.2938, 0.3455



46.5541, 0.2791, 0.2986

Rectangle

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



46.5541, 0.3314, 0.3132



46.5541, 0.3516, 0.3409



46.5541, 0.2938, 0.3455



46.5541, 0.2753, 0.3151

Sweetspot

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



46.5562, 0.3314, 0.3132



91.6446, 0.3180, 0.3242



45.6580, 0.3033, 0.2883



19.3738, 0.3188, 0.3235



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.



46.5562, 0.3314, 0.3132



71.1360, 0.3359, 0.3099



47.3111, 0.3421, 0.3332



11.2854, 0.3229, 0.3199



8.4629, 0.5388, 0.2742



0.4514, 0.4866, 0.2454

Inverse Universe

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



46.5562, 0.3314, 0.3132



71.1360, 0.3359, 0.3099



55.9164, 0.2885, 0.3248



11.2854, 0.3229, 0.3199



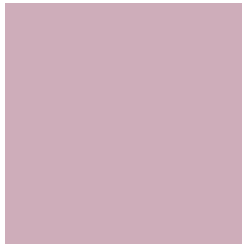
8.4629, 0.5388, 0.2742



0.4514, 0.4866, 0.2454

Previews

White Background



This preview shows how the Yxy color 46.5541, 0.3314, 0.3132 looks on a white background.

Color Contrast Check

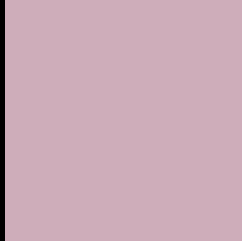
Large Text (above 18pt) WCAG AA × Fail

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 46.5541, 0.3314, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

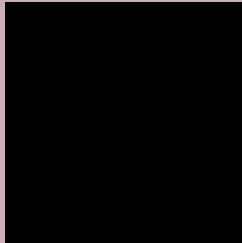
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5541, 0.3314, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 46.5541, 0.3314, 0.3132.



This preview shows how white text looks on a background with the Yxy color 46.5541, 0.3314, 0.3132.

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

46.5541, 0.3314, 0.3132

Protanopia

46.8766, 0.3066, 0.3161

Deuteranopia

46.5592, 0.3247, 0.3178



Tritanopia

46.5541, 0.3314, 0.3132

Trichromacy



Original Color

46.5541, 0.3314, 0.3132

Protanomaly

46.5913, 0.3151, 0.3151

Deuteranomaly

46.5802, 0.3275, 0.3166

Tritanomaly

46.5541, 0.3314, 0.3132

Monochromacy



Original Color

46.5541, 0.3314, 0.3132

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3518, 0.3190, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5541, 0.3314, 0.3132 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(206, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 186)  
}
```

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(206, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.5541, 0.3314, 0.3132 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(206, 173, 186) }
```

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

```
.border{ border-color:rgb(206, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5541, 0.3314, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 186) }
```

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

```
.background{ background-color: rgb(206,  
173, 186) }
```

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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