

Converting Colors

$Y_{xy}(46.5246, 0.3299, 0.3160)$

Have a look what the booklet for
Yxy(46.5246, 0.3299, 0.3160)
contains.

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Color

Yxy(46.4714, 0.3294, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	CBAEB9
RGB	203, 174, 185
RGB Percent	80%, 68%, 73%
CMY	0.2040, 0.3176, 0.2746
CMYK	0.00, 0.14, 0.09, 0.20
HSL	337°, 22%, 74%
HSV	337°, 14%, 80%
XYZ	48.5188, 46.4714, 52.3043
YIQ	183.9250, 13.7530, 9.5690

Conversions

Conversions Part 2

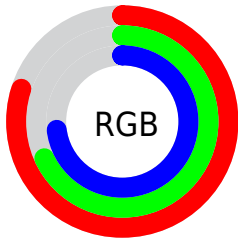
Format	Color
RYB	203, 174, 185
Decimal	13348537
CIELab	73.85, 12.32, -1.72
CIELCh	74, 12.435, 352.047
Yxy	46.4714, 0.3294, 0.3155
Android (android.graphics.Color)	4291538617 (0xFFCBAEB9)
YUV	183.9250, 0.5300, 16.7288
Hunter-Lab	68.1699, 7.7470, 2.2279

Details

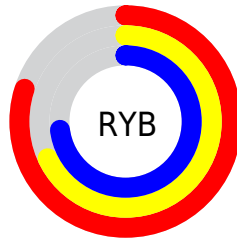
The Yxy color $46.4714, 0.3294, 0.3155$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.5145, 0.2985, 0.3429$, and the grayscale version is $47.8809, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.2045, 0.3228, 0.3182$, and $21.9746, 0.3344, 0.3125$ is the 20% darker color. If you saturate the color by 10%, you get $38.7042, 0.3442, 0.3054$, and if you desaturate by 10%, it is $55.4752, 0.3172, 0.3251$.

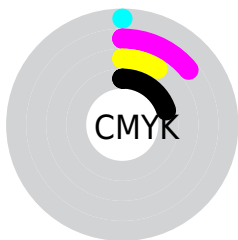
Distribution



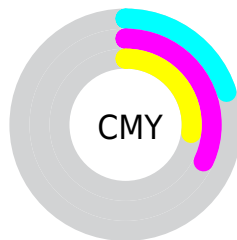
- Red (80%)
- Green (68%)
- Blue (73%)



- Red (80%)
- Yellow (68%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4714, 0.3294, 0.3155 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 46.4714, 0.3294, 0.3155 by changing the saturation by 10% instead.


 46.4714, 0.3294,
0.3155

 46.4714, 0.3294,
0.3155


372.7006, 0.3211,
0.3222

 32.6180, 0.3315,
0.3138


 84.9241, 0.3264,
0.3179

 21.8340, 0.3341,
0.3117


110.2921, 0.3252,
0.3188

 13.7349, 0.3377,
0.3089


140.2671, 0.3243,
0.3196

 7.9365, 0.3426,
0.3050

175.2334, 0.3235,
0.3203

 4.0544, 0.3500,
0.2992

215.5756, 0.3227,
0.3209

 1.7040, 0.3622,
0.2897

261.6779, 0.3221,

 0.4263, 0.4112,

0.3214

0.2483

313.9248, 0.3216,
0.3218

0.0000, 0.0000,
0.0000

46.4714, 0.3294,
0.3155

46.4714, 0.3294,
0.3155

38.7042, 0.3442,
0.3054

55.4752, 0.3172,
0.3251

32.1132, 0.3621,
0.2952

65.7604, 0.3073,
0.3340

26.6422, 0.3836,
0.2853

77.3769, 0.2991,
0.3423

22.2278, 0.4087,
0.2764

90.2384, 0.2924,
0.3497

18.8004, 0.4374,
0.2697

90.9952, 0.2857,
0.3362

■ 16.2818, 0.4686,
0.2664

■ 91.4355, 0.2822,
0.3289

■ 14.5817, 0.5008,
0.2676

■ 13.5910, 0.5315,
0.2741

■ 13.2298, 0.5480,
0.2792

Harmonies

Analogous

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



46.4714, 0.3121, 0.3046



46.4714, 0.3294, 0.3155



46.4714, 0.3424, 0.3299

Triad

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



46.4714, 0.3294, 0.3155



46.4714, 0.3297, 0.3597



46.4714, 0.2794, 0.3121

Complementary

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



46.4714, 0.3294, 0.3155



55.5145, 0.2985, 0.3429

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.



46.4714, 0.2838, 0.3270



46.4714, 0.3294, 0.3155



46.4714, 0.3126, 0.3552

Square

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



46.4714, 0.3294, 0.3155



46.4714, 0.3425, 0.3556



46.4714, 0.2959, 0.3430



46.4714, 0.2835, 0.3023

Rectangle

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



46.4714, 0.3294, 0.3155



46.4714, 0.3467, 0.3398



46.4714, 0.2959, 0.3430



46.4714, 0.2799, 0.3166

Sweetspot

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



46.4735, 0.3294, 0.3155



93.2624, 0.3170, 0.3253



45.7783, 0.3048, 0.2930



19.6993, 0.3178, 0.3246



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.



46.4735, 0.3294, 0.3155



73.7775, 0.3335, 0.3126



47.3507, 0.3383, 0.3333



11.2828, 0.3232, 0.3203



8.4365, 0.5444, 0.2773



0.4499, 0.4913, 0.2480

Inverse Universe

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



46.4735, 0.3294, 0.3155



73.7775, 0.3335, 0.3126



54.4399, 0.2910, 0.3247



11.2828, 0.3232, 0.3203



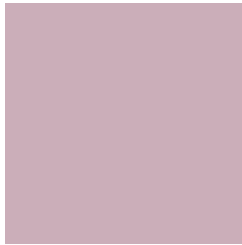
8.4365, 0.5444, 0.2773



0.4499, 0.4913, 0.2480

Previews

White Background



This preview shows how the Yxy color 46.4714, 0.3294, 0.3155 looks on a white background.

Color Contrast Check

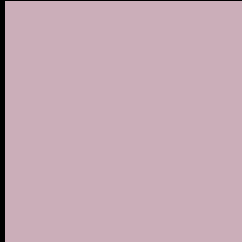
Large Text (above 18pt) WCAG AA × Fail

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 46.4714, 0.3294, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

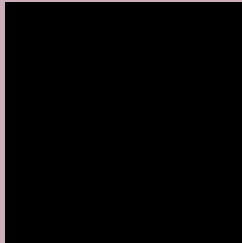
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4714, 0.3294, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 46.4714, 0.3294, 0.3155.



This preview shows how white text looks on a background with the Yxy color 46.4714, 0.3294, 0.3155.

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

46.4714, 0.3294, 0.3155

Protanopia

46.7891, 0.3081, 0.3187

Deuteranopia

46.5592, 0.3247, 0.3178



Tritanopia

46.5565, 0.3277, 0.3130

Trichromacy



Original Color

46.4714, 0.3294, 0.3155

Protanomaly

46.4188, 0.3150, 0.3163

Deuteranomaly

46.4421, 0.3266, 0.3166

Tritanomaly

46.5138, 0.3285, 0.3143

Monochromacy



Original Color

46.4714, 0.3294, 0.3155

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1796, 0.3190, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4714, 0.3294, 0.3155 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(203, 174, 185)` looks like.

```
.text, #text, p{  
    color:rgb(203, 174, 185)  
}
```

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(203, 174, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 174, 185) }
```

Border

The CSS property to change the border of an element to Yxy 46.4714, 0.3294, 0.3155 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(203, 174, 185) }
```

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

```
.border{ border-color:rgb(203, 174, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 174, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 174, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 174, 185);  
box-shadow:4px 4px 4px 4px rgb(203, 174,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4714, 0.3294, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 174, 185) }
```

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

```
.background{ background-color: rgb(203,  
174, 185) }
```

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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