

Converting Colors

Yxy(63.4718, 0.3197, 0.3115)

Have a look what the booklet for
Yxy(63.4718, 0.3197, 0.3115)
contains.

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Color

Yxy(63.4718, 0.3197, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	E2CADA
RGB	226, 202, 218
RGB Percent	89%, 79%, 85%
CMY	0.1137, 0.2078, 0.1451
CMYK	0.00, 0.11, 0.04, 0.11
HSL	320°, 29%, 84%
HSV	320°, 11%, 89%
XYZ	65.1426, 63.4718, 75.1474
YIQ	211.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

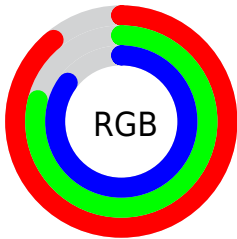
Format	Color
R _Y B	226, 202, 218
Decimal	14863066
CIE Lab	83.69, 11.14, -4.87
CIE LCh	84, 12.156, 336.404
Yxy	63.4718, 0.3197, 0.3115
Android (android.graphics.Color)	4293053146 (0xFFE2CADA)
YUV	211.0000, 3.4510, 13.1550
Hunter-Lab	79.6692, 6.5320, -0.1564

Details

The Yxy color **63.4718, 0.3197, 0.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6115, 0.3063, 0.3472**, and the grayscale version is **65.1163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4821, 0.3219, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **53.2477, 0.3275, 0.2943**, and if you desaturate by 10%, it is **75.2727, 0.3131, 0.3280**.

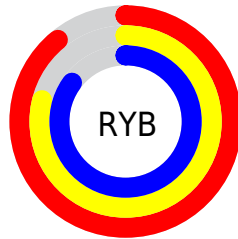
Distribution



Red (89%)

Green (79%)

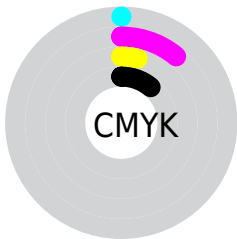
Blue (85%)



Red (89%)

Yellow (79%)

Blue (85%)

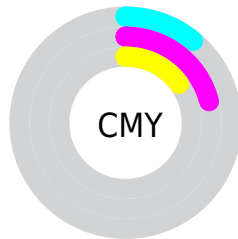


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (11%)



Cyan (11%)


Magenta (21%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4718, 0.3197, 0.3115 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 63.4718, 0.3197, 0.3115 by changing the saturation by 10% instead.


 63.4718, 0.3197,
0.3115

 63.4718, 0.3197,
0.3115


437.2797, 0.3164,
0.3197

 46.2230, 0.3204,
0.3096


109.8499, 0.3186,
0.3144

 32.4218, 0.3214,
0.3073


139.7480, 0.3181,
0.3155

 21.6839, 0.3226,
0.3043


174.6313, 0.3177,
0.3164

 13.6248, 0.3241,
0.3003

214.8842, 0.3174,
0.3172

 7.8602, 0.3263,
0.2948

260.8911, 0.3171,
0.3180

 4.0056, 0.3294,
0.2868

313.0364, 0.3169,

 1.6767, 0.3344,

0.3186

0.2739

371.7044, 0.3167,
0.3192

0.4085, 0.3562,
0.2204

0.0000, 0.0000,
0.0000

63.4718, 0.3197,
0.3115

63.4718, 0.3197,
0.3115

53.2477, 0.3275,
0.2943

75.2727, 0.3131,
0.3280

44.5245, 0.3367,
0.2768

88.7055, 0.3075,
0.3435

37.2327, 0.3472,
0.2595

94.0199, 0.3031,
0.3435

31.2938, 0.3592,
0.2434

94.4791, 0.2989,
0.3358

■ 26.6219, 0.3724,
0.2294

■ 94.9112, 0.2952,
0.3289

■ 23.1208, 0.3866,
0.2188

■ 20.6810, 0.4012,
0.2124

■ 19.1714, 0.4158,
0.2110

■ 18.3923, 0.4292,
0.2138

Harmonies

Analogous

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



63.4718, 0.3042, 0.3044



63.4718, 0.3197, 0.3115



63.4718, 0.3336, 0.3230

Triad

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



63.4718, 0.3197, 0.3115



63.4718, 0.3343, 0.3550



63.4718, 0.2844, 0.3206

Complementary

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



63.4718, 0.3197, 0.3115



71.6115, 0.3063, 0.3472

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.



63.4718, 0.2921, 0.3347



63.4718, 0.3197, 0.3115



63.4718, 0.3207, 0.3550

Square

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



63.4718, 0.3197, 0.3115



63.4718, 0.3421, 0.3480



63.4718, 0.3053, 0.3475



63.4718, 0.2841, 0.3093

Rectangle

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



63.4718, 0.3197, 0.3115



63.4718, 0.3400, 0.3318



63.4718, 0.3053, 0.3475



63.4718, 0.2862, 0.3252

Sweetspot

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



63.4746, 0.3197, 0.3115



95.0525, 0.3146, 0.3241



61.4356, 0.3019, 0.3020



20.0692, 0.3151, 0.3228



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.



63.4746, 0.3197, 0.3115



79.9507, 0.3215, 0.3073



62.8689, 0.3285, 0.3246



13.8538, 0.3189, 0.3135



10.5141, 0.4271, 0.2126



0.7452, 0.4066, 0.2013

Inverse Universe

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



63.4746, 0.3197, 0.3115



79.9507, 0.3215, 0.3073



72.2322, 0.2989, 0.3334



13.8538, 0.3189, 0.3135



10.5141, 0.4271, 0.2126



0.7452, 0.4066, 0.2013

Previews

White Background



This preview shows how the Yxy color 63.4718, 0.3197, 0.3115 looks on a white background.

Color Contrast Check

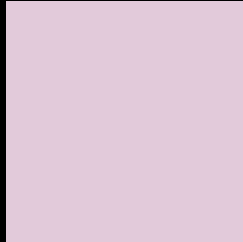
Large Text (above 18pt) WCAG AA × Fail

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 63.4718, 0.3197, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

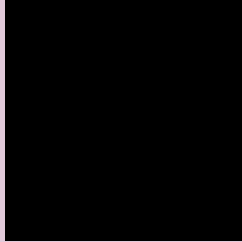
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4718, 0.3197, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 63.4718, 0.3197, 0.3115.

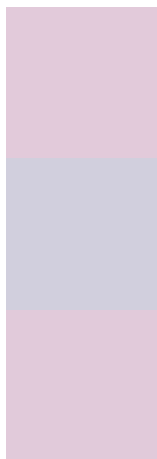


This preview shows how white text looks on a background with the Yxy color 63.4718, 0.3197, 0.3115.

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

63.4718, 0.3197, 0.3115

Protanopia

63.4014, 0.3046, 0.3132

Deuteranopia

63.3106, 0.3189, 0.3115



Tritanopia

63.4718, 0.3197, 0.3115

Trichromacy



Original Color

63.4718, 0.3197, 0.3115

Protanomaly

63.2770, 0.3097, 0.3122

Deuteranomaly

63.3106, 0.3189, 0.3115

Tritanomaly

63.4718, 0.3197, 0.3115

Monochromacy



Original Color

63.4718, 0.3197, 0.3115

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5657, 0.3145, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4718, 0.3197, 0.3115 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(226, 202, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 218)  
}
```

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(226, 202, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 218) }
```

Border

The CSS property to change the border of an element to Yxy 63.4718, 0.3197, 0.3115 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(226, 202, 218) }
```

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

```
.border{ border-color:rgb(226, 202, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 202, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 202, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 202, 218); box-shadow:4px 4px 4px 4px rgb(226, 202, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4718, 0.3197, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 218) }
```

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

```
.background{ background-color: rgb(226,  
202, 218) }
```

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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