

Converting Colors

Yxy(63.9364, 0.3215, 0.3043)

Have a look what the booklet for
Yxy(63.9364, 0.3215, 0.3043)
contains.

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Color

Yxy(63.9599, 0.3216, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	E9C8DF
RGB	233, 200, 223
RGB Percent	91%, 78%, 87%
CMY	0.0863, 0.2156, 0.1256
CMYK	0.00, 0.14, 0.04, 0.09
HSL	318°, 43%, 85%
HSV	318°, 14%, 91%
XYZ	67.5739, 63.9599, 78.5841
YIQ	212.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

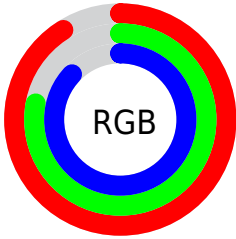
Format	Color
R _Y B	233, 200, 223
Decimal	15321311
CIE Lab	83.94, 15.46, -7.08
CIE LCh	84, 17.003, 335.390
Yxy	63.9599, 0.3216, 0.3044
Android (android.graphics.Color)	4293511391 (0xFFE9C8DF)
YUV	212.4890, 5.1819, 17.9881
Hunter-Lab	79.9749, 10.8655, -2.2764

Details

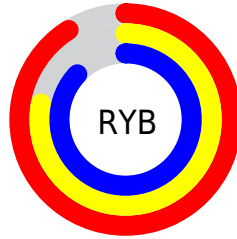
The Yxy color $63.9599, 0.3216, 0.3044$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $75.2086, 0.3048, 0.3549$, and the grayscale version is $66.1401, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.7320, 0.3234, 0.2984$ is the 20% darker color. If you saturate the color by 10%, you get $53.6062, 0.3292, 0.2863$, and if you desaturate by 10%, it is $75.9797, 0.3151, 0.3220$.

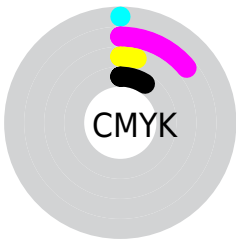
Distribution



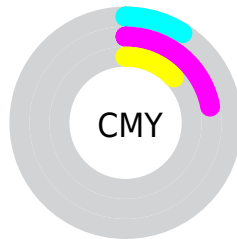
- Red (91%)
- Green (78%)
- Blue (87%)



- Red (91%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9599, 0.3216, 0.3044 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 63.9599, 0.3216, 0.3044 by changing the saturation by 10% instead.

63.9599, 0.3216,
0.3044

63.9599, 0.3216,
0.3044

439.0448, 0.3175,
0.3158

46.6182, 0.3225,
0.3018

110.5532, 0.3202,
0.3084

32.7339, 0.3237,
0.2985

140.5736, 0.3196,
0.3099

21.9227, 0.3251,
0.2944

175.5889, 0.3192,
0.3112

13.8001, 0.3270,
0.2890

215.9837, 0.3187,
0.3124

7.9818, 0.3296,
0.2817

262.1423, 0.3184,
0.3134

4.0833, 0.3333,
0.2710

314.4491, 0.3181,

1.7203, 0.3391,

0.3143

0.2541

373.2885, 0.3178,
0.3151

0.4367, 0.3602,
0.1985

0.0000, 0.0000,
0.0000

63.9599, 0.3216,
0.3044

63.9599, 0.3216,
0.3044

53.6062, 0.3292,
0.2863

75.9797, 0.3151,
0.3220

44.8357, 0.3381,
0.2680

89.7268, 0.3096,
0.3386

37.5713, 0.3481,
0.2504

95.3859, 0.3053,
0.3398

31.7257, 0.3594,
0.2343

95.8241, 0.3014,
0.3327

■ 27.2030, 0.3716,
0.2208

■ 96.0624, 0.2993,
0.3290

■ 23.8950, 0.3844,
0.2110

■ 21.6766, 0.3975,
0.2059

■ 20.3950, 0.4103,
0.2057

■ 19.9415, 0.4176,
0.2074

Harmonies

Analogous

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



63.9599, 0.3000, 0.2949



63.9599, 0.3216, 0.3044



63.9599, 0.3413, 0.3199

Triad

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



63.9599, 0.3216, 0.3044



63.9599, 0.3432, 0.3652



63.9599, 0.2737, 0.3177

Complementary

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



63.9599, 0.3216, 0.3044



75.2086, 0.3048, 0.3549

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.



63.9599, 0.2845, 0.3376



63.9599, 0.3216, 0.3044



63.9599, 0.3244, 0.3658

Square

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



63.9599, 0.3216, 0.3044



63.9599, 0.3540, 0.3547



63.9599, 0.3029, 0.3556



63.9599, 0.2730, 0.3018

Rectangle

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



63.9599, 0.3216, 0.3044



63.9599, 0.3505, 0.3320



63.9599, 0.3029, 0.3556



63.9599, 0.2763, 0.3241

Sweetspot

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



63.9627, 0.3216, 0.3044



93.4661, 0.3150, 0.3222



60.8839, 0.2971, 0.2922



19.7508, 0.3155, 0.3209



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.



63.9627, 0.3216, 0.3044



74.5737, 0.3237, 0.2991



63.1216, 0.3339, 0.3219



15.2314, 0.3184, 0.3127



11.3390, 0.4157, 0.2064



0.9073, 0.3994, 0.1974

Inverse Universe

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



63.9627, 0.3216, 0.3044



74.5737, 0.3237, 0.2991



76.0673, 0.2950, 0.3363



15.2314, 0.3184, 0.3127



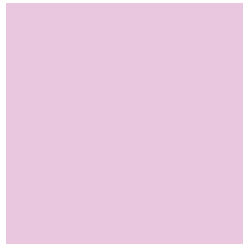
11.3390, 0.4157, 0.2064



0.9073, 0.3994, 0.1974

Previews

White Background



This preview shows how the Yxy color 63.9599, 0.3216, 0.3044 looks on a white background.

Color Contrast Check

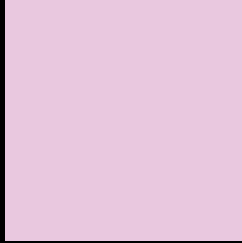
Large Text (above 18pt) WCAG AA × Fail

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 63.9599, 0.3216, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

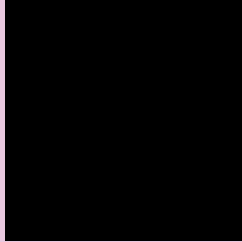
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9599, 0.3216, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 63.9599, 0.3216, 0.3044.



This preview shows how white text looks on a background with the Yxy color 63.9599, 0.3216, 0.3044.

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

63.9599, 0.3216, 0.3044

Protanopia

64.1231, 0.2991, 0.3066

Deuteranopia

63.8331, 0.3152, 0.3082



Tritanopia

63.9388, 0.3252, 0.3117

Trichromacy



Original Color

63.9599, 0.3216, 0.3044

Protanomaly

63.9053, 0.3071, 0.3058

Deuteranomaly

63.8459, 0.3176, 0.3073

Tritanomaly

64.0436, 0.3237, 0.3096

Monochromacy



Original Color

63.9599, 0.3216, 0.3044

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2853, 0.3161, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9599, 0.3216, 0.3044 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(233, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(233, 200, 223)  
}
```

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(233, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 200, 223) }
```

Border

The CSS property to change the border of an element to Yxy 63.9599, 0.3216, 0.3044 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(233, 200, 223) }
```

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

```
.border{ border-color:rgb(233, 200, 223) }
```

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

Here you see how a box with a 4 pixel rgb(233, 200, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 200, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 200, 223);  
box-shadow:4px 4px 4px 4px rgb(233, 200,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9599, 0.3216, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 200, 223) }
```

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

```
.background{ background-color: rgb(233,  
200, 223) }
```

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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