

Converting Colors

$Yxy(64.5099, 0.3403, 0.3291)$

Have a look what the booklet for
Yxy(64.5099, 0.3403, 0.3291)
contains.

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Color

Yxy(64.5099, 0.3403, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	EDCACA
RGB	237, 202, 202
RGB Percent	93%, 79%, 79%
CMY	0.0706, 0.2078, 0.2079
CMYK	0.00, 0.15, 0.15, 0.07
HSL	0°, 49%, 86%
HSV	0°, 15%, 93%
XYZ	66.7053, 64.5099, 64.8039
YIQ	212.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

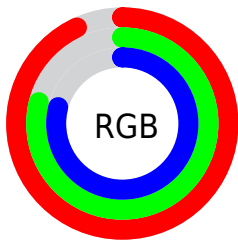
Format	Color
R _Y B	237, 202, 202
Decimal	15583946
CIE Lab	84.23, 12.31, 4.58
CIE LCh	84, 13.131, 20.407
Yxy	64.5099, 0.3403, 0.3291
Android (android.graphics.Color)	4293774026 (0xFFEDCACA)
YUV	212.4650, -5.1592, 21.5172
Hunter-Lab	80.3181, 7.6903, 8.3850

Details

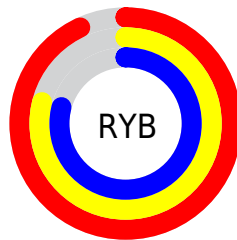
The Yxy color **64.5099, 0.3403, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2276, 0.2903, 0.3289**, and the grayscale version is **66.1898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1417, 0.3475, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **53.1991, 0.3649, 0.3292**, and if you desaturate by 10%, it is **77.7049, 0.3206, 0.3290**.

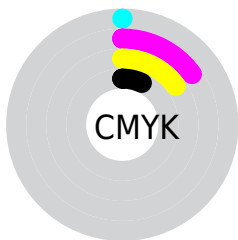
Distribution



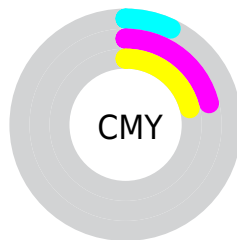
- Red (93%)
- Green (79%)
- Blue (79%)



- Red (93%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (7%)




- Cyan (7%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5099, 0.3403, 0.3291 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 64.5099, 0.3403, 0.3291 by changing the saturation by 10% instead.


 64.5099, 0.3403,
0.3291

 64.5099, 0.3403,
0.3291


441.0287, 0.3272,
0.3292

 47.0638, 0.3434,
0.3290

111.3450, 0.3357,
0.3292

 33.0861, 0.3473,
0.3290


141.5027, 0.3339,
0.3292

 22.1924, 0.3522,
0.3288


176.6664, 0.3324,
0.3292

 13.9983, 0.3589,
0.3286

217.2205, 0.3311,
0.3292

 8.1195, 0.3682,
0.3282

263.5494, 0.3299,
0.3292

 4.1715, 0.3822,
0.3274

316.0374, 0.3289,

 1.7700, 0.4056,

0.3292

375.0691, 0.3280,
0.3292

0.3255

0.4683, 0.5311,
0.3336

0.0000, 0.0000,
0.0000

64.5099, 0.3403,
0.3291

64.5099, 0.3403,
0.3291

53.1991, 0.3649,
0.3292

77.7049, 0.3206,
0.3290

43.6784, 0.3956,
0.3293

92.8554, 0.3050,
0.3290

35.8587, 0.4329,
0.3294

96.7450, 0.3017,
0.3290

29.6400, 0.4767,
0.3296

■ 24.9115, 0.5247,
0.3297

■ 21.5487, 0.5716,
0.3298

■ 19.4067, 0.6100,
0.3299

■ 18.3080, 0.6332,
0.3300

■ 18.0079, 0.6400,
0.3300

Harmonies

Analogous

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



64.5099, 0.3277, 0.3155



64.5099, 0.3403, 0.3291



64.5099, 0.3453, 0.3430

Triad

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



64.5099, 0.3403, 0.3291



64.5099, 0.3135, 0.3542



64.5099, 0.2847, 0.3041

Complementary

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



64.5099, 0.3403, 0.3291



79.2276, 0.2903, 0.3289

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.



64.5099, 0.2812, 0.3137



64.5099, 0.3403, 0.3291



64.5099, 0.2976, 0.3430

Square

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



64.5099, 0.3403, 0.3291



64.5099, 0.3296, 0.3580



64.5099, 0.2858, 0.3280



64.5099, 0.2955, 0.3013

Rectangle

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



64.5099, 0.3403, 0.3291



64.5099, 0.3437, 0.3507



64.5099, 0.2858, 0.3280



64.5099, 0.2826, 0.3066

Sweetspot

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



64.5128, 0.3403, 0.3291



93.0277, 0.3193, 0.3290



66.3544, 0.3144, 0.2925



19.6401, 0.3206, 0.3290



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.



64.5128, 0.3403, 0.3291



71.5312, 0.3478, 0.3291



73.1901, 0.3375, 0.3477



15.0554, 0.3293, 0.3291



9.8320, 0.6400, 0.3300



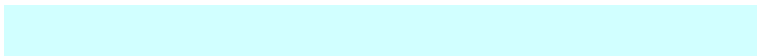
0.7725, 0.6399, 0.3301

Inverse Universe

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



79.2276, 0.2903, 0.3289



92.2933, 0.2855, 0.3289



69.5908, 0.2896, 0.3095



17.1204, 0.2981, 0.3289



36.3646, 0.2246, 0.3286



2.8560, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 64.5099, 0.3403, 0.3291 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 64.5099, 0.3403, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

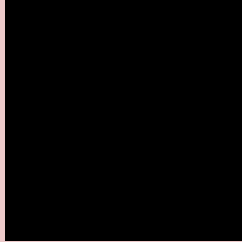
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5099, 0.3403, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 64.5099, 0.3403, 0.3291.

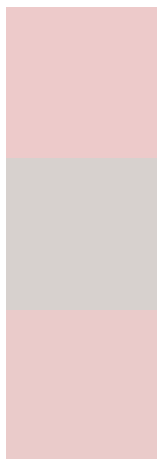


This preview shows how white text looks on a background with the Yxy color 64.5099, 0.3403, 0.3291.

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

64.5099, 0.3403, 0.3291

Protanopia

64.5042, 0.3193, 0.3324

Deuteranopia

64.4686, 0.3377, 0.3302



Tritanopia

64.5656, 0.3322, 0.3131

Trichromacy



Original Color

64.5099, 0.3403, 0.3291

Protanomaly

64.2384, 0.3265, 0.3302

Deuteranomaly

64.6383, 0.3385, 0.3302

Tritanomaly

64.6036, 0.3351, 0.3194

Monochromacy



Original Color

64.5099, 0.3403, 0.3291

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.0380, 0.3226, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5099, 0.3403, 0.3291 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(237, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(237, 202, 202)  
}
```

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(237, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 202, 202) }
```

Border

The CSS property to change the border of an element to Yxy 64.5099, 0.3403, 0.3291 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(237, 202, 202) }
```

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

```
.border{ border-color:rgb(237, 202, 202) }
```

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

Here you see how a box with a 4 pixel rgb(237, 202, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(237, 202,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5099, 0.3403, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 202, 202) }
```

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

```
.background{ background-color: rgb(237,  
202, 202) }
```

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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