

Converting Colors

$Yxy(64.1022, 0.3441, 0.3314)$

Have a look what the booklet for
Yxy(64.1022, 0.3441, 0.3314)
contains.

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Color

Yxy(64.0740, 0.3436, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	EEC9C7
RGB	238, 201, 199
RGB Percent	93%, 79%, 78%
CMY	0.0666, 0.2117, 0.2198
CMYK	0.00, 0.16, 0.16, 0.07
HSL	3°, 53%, 86%
HSV	3°, 16%, 93%
XYZ	66.4528, 64.0740, 62.8749
YIQ	211.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

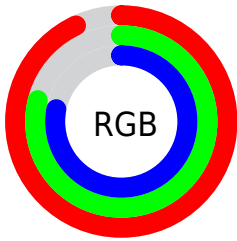
Format	Color
R _Y B	238, 201, 199
Decimal	15649223
CIE Lab	84.00, 12.72, 5.87
CIE LCh	84, 14.012, 24.788
Yxy	64.0740, 0.3436, 0.3313
Android (android.graphics.Color)	4293839303 (0xFFEEC9C7)
YUV	211.8350, -6.3277, 22.9467
Hunter-Lab	80.0462, 8.1063, 9.4611

Details

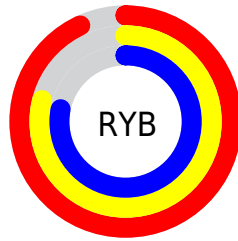
The Yxy color **64.0740, 0.3436, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2785, 0.2878, 0.3267**, and the grayscale version is **65.7552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8569, 0.3519, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **53.3013, 0.3686, 0.3328**, and if you desaturate by 10%, it is **76.5693, 0.3235, 0.3299**.

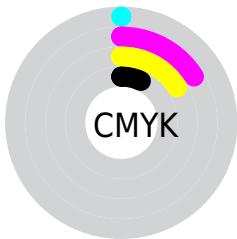
Distribution



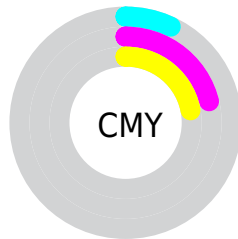
- Red (93%)
- Green (79%)
- Blue (78%)



- Red (93%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0740, 0.3436, 0.3313 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 64.0740, 0.3436, 0.3313 by changing the saturation by 10% instead.


 64.0740, 0.3436,
0.3313

 64.0740, 0.3436,
0.3313

439.4568, 0.3289,
0.3304

 46.7106, 0.3471,
0.3315

110.7175, 0.3384,
0.3310

 32.8069, 0.3514,
0.3317


140.7664, 0.3364,
0.3309

 21.9786, 0.3570,
0.3319


175.8126, 0.3347,
0.3308

 13.8412, 0.3645,
0.3321

216.2405, 0.3332,
0.3307

 8.0103, 0.3751,
0.3322

262.4345, 0.3319,
0.3306

 4.1015, 0.3909,
0.3322

314.7789, 0.3308,

 1.7305, 0.4173,

0.3305

373.6582, 0.3298,
0.3305

0.3314

0.4433, 0.5868,
0.3555

0.0000, 0.0000,
0.0000

64.0740, 0.3436,
0.3313

64.0740, 0.3436,
0.3313

53.3013, 0.3686,
0.3328

76.5693, 0.3235,
0.3299

44.1675, 0.3993,
0.3344

90.8488, 0.3073,
0.3285

36.5949, 0.4364,
0.3358

96.9180, 0.3023,
0.3290

30.4961, 0.4795,
0.3368

■ 25.7751, 0.5262,
0.3372

■ 22.3246, 0.5717,
0.3367

■ 20.0214, 0.6091,
0.3351

■ 18.7176, 0.6321,
0.3326

■ 18.4523, 0.6373,
0.3322

Harmonies

Analogous

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



64.0740, 0.3311, 0.3166



64.0740, 0.3436, 0.3313



64.0740, 0.3476, 0.3459

Triad

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



64.0740, 0.3436, 0.3313



64.0740, 0.3109, 0.3547



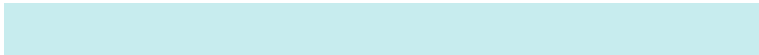
64.0740, 0.2840, 0.3015

Complementary

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



64.0740, 0.3436, 0.3313



78.2785, 0.2878, 0.3267

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.



64.0740, 0.2790, 0.3107



64.0740, 0.3436, 0.3313



64.0740, 0.2943, 0.3418

Square

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



64.0740, 0.3436, 0.3313



64.0740, 0.3284, 0.3601



64.0740, 0.2827, 0.3254



64.0740, 0.2966, 0.2996

Rectangle

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



64.0740, 0.3436, 0.3313



64.0740, 0.3449, 0.3537



64.0740, 0.2827, 0.3254



64.0740, 0.2814, 0.3038

Sweetspot

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



64.0769, 0.3436, 0.3313



91.7378, 0.3210, 0.3297



65.0673, 0.3160, 0.2903



19.3962, 0.3223, 0.3298



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

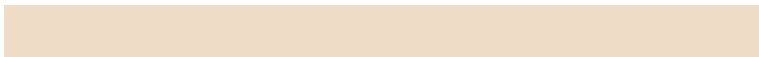
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0769, 0.3436, 0.3313



70.0859, 0.3522, 0.3319



73.7155, 0.3403, 0.3519



15.8915, 0.3292, 0.3303



10.3497, 0.6363, 0.3330



0.9074, 0.6265, 0.3407

Inverse Universe

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



78.2785, 0.2878, 0.3267



89.8852, 0.2825, 0.3261



67.6953, 0.2868, 0.3050



17.7788, 0.2981, 0.3277



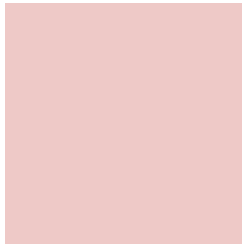
33.7104, 0.2202, 0.3126



2.8475, 0.2208, 0.3149

Previews

White Background



This preview shows how the Yxy color 64.0740, 0.3436, 0.3313 looks on a white background.

Color Contrast Check

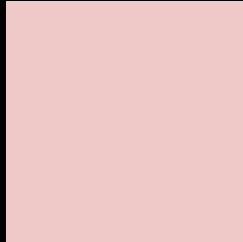
Large Text (above 18pt) WCAG AA × Fail

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 64.0740, 0.3436, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

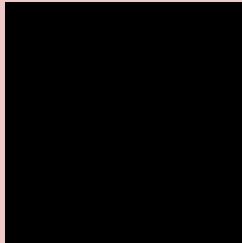
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0740, 0.3436, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 64.0740, 0.3436, 0.3313.

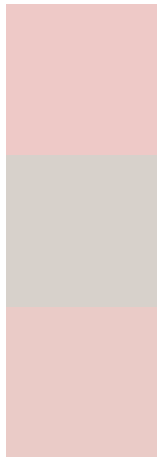


This preview shows how white text looks on a background with the Yxy color 64.0740, 0.3436, 0.3313.

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

64.0740, 0.3436, 0.3313

Protanopia

64.3598, 0.3215, 0.3358

Deuteranopia

64.3278, 0.3400, 0.3334



Tritanopia

64.2272, 0.3339, 0.3131

Trichromacy



Original Color

64.0740, 0.3436, 0.3313

Protanomaly

64.0949, 0.3287, 0.3335

Deuteranomaly

64.0267, 0.3410, 0.3324

Tritanomaly

64.2627, 0.3368, 0.3194

Monochromacy



Original Color

64.0740, 0.3436, 0.3313

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9889, 0.3233, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0740, 0.3436, 0.3313 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(238, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 199)  
}
```

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(238, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 199) }
```

Border

The CSS property to change the border of an element to Yxy 64.0740, 0.3436, 0.3313 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(238, 201, 199) }
```

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

```
.border{ border-color:rgb(238, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0740, 0.3436, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 199) }
```

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

```
.background{ background-color: rgb(238,  
201, 199) }
```

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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