

Converting Colors

$Yxy(63.5955, 0.3439, 0.3314)$

Have a look what the booklet for
Yxy(63.5955, 0.3439, 0.3314)
contains.

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Color

Yxy(63.3903, 0.3437, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	EDC8C6
RGB	237, 200, 198
RGB Percent	93%, 78%, 78%
CMY	0.0707, 0.2156, 0.2236
CMYK	0.00, 0.16, 0.16, 0.07
HSL	3°, 52%, 85%
HSV	3°, 16%, 93%
XYZ	65.7629, 63.3903, 62.1849
YIQ	210.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

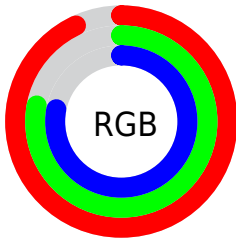
Format	Color
R _Y B	237, 200, 198
Decimal	15583430
CIE Lab	83.65, 12.72, 5.87
CIE LCh	84, 14.008, 24.777
Yxy	63.3903, 0.3437, 0.3313
Android (android.graphics.Color)	4293773510 (0xFFEDC8C6)
YUV	210.8350, -6.3277, 22.9467
Hunter-Lab	79.6180, 8.1059, 9.4248

Details

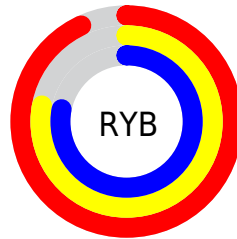
The Yxy color **63.3903, 0.3437, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4948, 0.2877, 0.3267**, and the grayscale version is **65.0574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3951, 0.3522, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **52.7322, 0.3687, 0.3328**, and if you desaturate by 10%, it is **75.7533, 0.3236, 0.3299**.

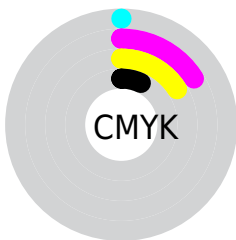
Distribution



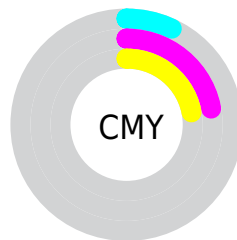
- Red (93%)
- Green (78%)
- Blue (78%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3903, 0.3437, 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 63.3903, 0.3437, 0.3313 by changing the saturation by 10% instead.

 63.3903, 0.3437,
0.3313

 63.3903, 0.3437,
0.3313

436.9846, 0.3289,
0.3304

 46.1570, 0.3472,
0.3315


109.7324, 0.3385,
0.3310

 32.3698, 0.3516,
0.3317


139.6100, 0.3365,
0.3309

 21.6441, 0.3572,
0.3319


174.4712, 0.3348,
0.3308

 13.5956, 0.3648,
0.3321

214.7004, 0.3333,
0.3307

 7.8399, 0.3755,
0.3322

260.6819, 0.3320,
0.3306

 3.9927, 0.3916,
0.3322

312.8002, 0.3308,

 1.6695, 0.4186,

0.3305

0.3313

371.4396, 0.3298,
0.3305

0.4038, 0.6159,
0.3582

0.0000, 0.0000,
0.0000

63.3903, 0.3437,
0.3313

63.3903, 0.3437,
0.3313

52.7322, 0.3687,
0.3328

75.7533, 0.3236,
0.3299

43.6963, 0.3995,
0.3344

89.8825, 0.3074,
0.3285

36.2055, 0.4366,
0.3358

96.7392, 0.3017,
0.3290

30.1733, 0.4796,
0.3368

■ 25.5048, 0.5264,
0.3372

■ 22.0935, 0.5719,
0.3367

■ 19.8174, 0.6092,
0.3350

■ 18.5301, 0.6322,
0.3326

■ 18.2713, 0.6373,
0.3322

Harmonies

Analogous

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



63.3903, 0.3311, 0.3165



63.3903, 0.3437, 0.3313



63.3903, 0.3477, 0.3460

Triad

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



63.3903, 0.3437, 0.3313



63.3903, 0.3109, 0.3548



63.3903, 0.2839, 0.3014

Complementary

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



63.3903, 0.3437, 0.3313



77.4948, 0.2877, 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.



63.3903, 0.2789, 0.3107



63.3903, 0.3437, 0.3313



63.3903, 0.2942, 0.3418

Square

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



63.3903, 0.3437, 0.3313



63.3903, 0.3285, 0.3602



63.3903, 0.2826, 0.3254



63.3903, 0.2965, 0.2995

Rectangle

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



63.3903, 0.3437, 0.3313



63.3903, 0.3450, 0.3538



63.3903, 0.2826, 0.3254



63.3903, 0.2813, 0.3037

Sweetspot

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



63.3932, 0.3437, 0.3313



91.7366, 0.3210, 0.3297



64.3793, 0.3160, 0.2902



19.3960, 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.



63.3932, 0.3437, 0.3313



70.0821, 0.3522, 0.3318



72.9611, 0.3403, 0.3520



15.1801, 0.3292, 0.3303



10.0350, 0.6362, 0.3330



0.8326, 0.6260, 0.3412

Inverse Universe

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



77.4948, 0.2877, 0.3267



89.8901, 0.2825, 0.3261



66.9860, 0.2868, 0.3049



16.9792, 0.2981, 0.3277



32.6901, 0.2202, 0.3127



2.6083, 0.2209, 0.3151

Previews

White Background



This preview shows how the Yxy color 63.3903, 0.3437, 0.3313 looks on a white background.

Color Contrast Check

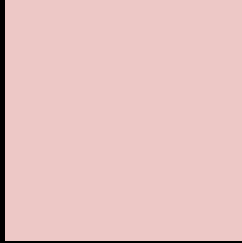
Large Text (above 18pt) WCAG AA × Fail

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 63.3903, 0.3437, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

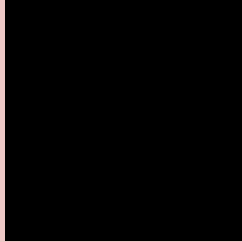
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3903, 0.3437, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 63.3903, 0.3437, 0.3313.



This preview shows how white text looks on a background with the Yxy color 63.3903, 0.3437, 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

63.3903, 0.3437, 0.3313

Protanopia

63.6722, 0.3215, 0.3359

Deuteranopia

63.6419, 0.3402, 0.3335



Tritanopia

63.5430, 0.3340, 0.3130

Trichromacy



Original Color

63.3903, 0.3437, 0.3313

Protanomaly

63.4093, 0.3287, 0.3335

Deuteranomaly

63.3429, 0.3411, 0.3324

Tritanomaly

63.5781, 0.3369, 0.3194

Monochromacy



Original Color

63.3903, 0.3437, 0.3313

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.2975, 0.3233, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3903, 0.3437, 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(237, 200, 198)` looks like.

```
.text, #text, p{  
    color:rgb(237, 200, 198)  
}
```

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, 200, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 200, 198) }
```

Border

The CSS property to change the border of an element to Yxy 63.3903, 0.3437, 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(237, 200, 198) }
```

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

```
.border{ border-color:rgb(237, 200, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 200, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 200, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 200, 198); box-shadow:4px 4px 4px 4px rgb(237, 200, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3903, 0.3437, 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(237, 200, 198) }
```

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

```
.background{ background-color: rgb(237,  
200, 198) }
```

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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