

Converting Colors

Yxy(63.7946, 0.3337, 0.3183)

Have a look what the booklet for
Yxy(63.7946, 0.3337, 0.3183)
contains.

Yxy(63.7946, 0.3337, 0.3183)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.7946, 0.3337, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	ECC8D2
RGB	236, 200, 210
RGB Percent	93%, 78%, 82%
CMY	0.0744, 0.2157, 0.1766
CMYK	0.00, 0.15, 0.11, 0.07
HSL	343°, 49%, 85%
HSV	343°, 15%, 93%
XYZ	66.8811, 63.7946, 69.7472
YIQ	211.9040, 18.2460, 10.7420

Conversions

Conversions Part 2

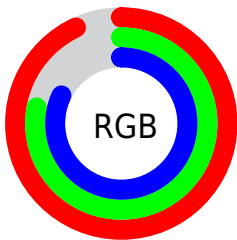
Format	Color
R _Y B	236, 200, 210
Decimal	15517906
CIE Lab	83.86, 14.30, -0.24
CIE LCh	84, 14.302, 359.056
Yxy	63.7946, 0.3337, 0.3183
Android (android.graphics.Color)	4293707986 (0xFFECC8D2)
YUV	211.9040, -0.9387, 21.1322
Hunter-Lab	79.8715, 9.6934, 4.1356

Details

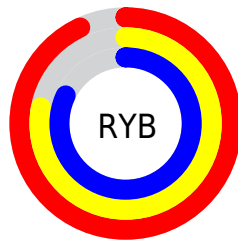
The Yxy color **63.7946, 0.3337, 0.3183** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7737, 0.2953, 0.3400**, and the grayscale version is **65.7705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6614, 0.3386, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **52.8902, 0.3515, 0.3108**, and if you desaturate by 10%, it is **76.4828, 0.3192, 0.3254**.

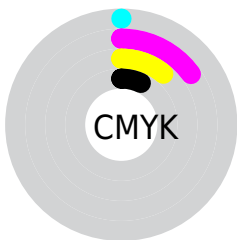
Distribution



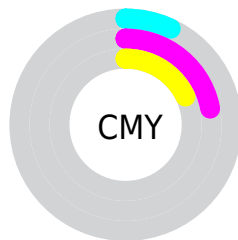
- Red (93%)
- Green (78%)
- Blue (82%)



- Red (93%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (7%)




- Cyan (7%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7946, 0.3337, 0.3183 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 63.7946, 0.3337, 0.3183 by changing the saturation by 10% instead.

 63.7946, 0.3337,
0.3183

 63.7946, 0.3337,
0.3183


438.4475, 0.3238,
0.3234

 46.4843, 0.3360,
0.3171

110.3151, 0.3302,
0.3201

 32.6282, 0.3390,
0.3156

140.2941, 0.3289,
0.3208

 21.8418, 0.3427,
0.3137


175.2648, 0.3277,
0.3214

 13.7407, 0.3477,
0.3112

215.6116, 0.3267,
0.3219

 7.9405, 0.3547,
0.3076

261.7188, 0.3258,
0.3223

 4.0569, 0.3652,
0.3023

313.9710, 0.3251,

 1.7055, 0.3826,

0.3227

0.2935

372.7524, 0.3244,
0.3231

0.4272, 0.4538,
0.2567

0.0000, 0.0000,
0.0000

63.7946, 0.3337,
0.3183

63.7946, 0.3337,
0.3183

52.8902, 0.3515,
0.3108

76.4828, 0.3192,
0.3254

43.6812, 0.3733,
0.3032

91.0212, 0.3074,
0.3321

36.0842, 0.3996,
0.2960

96.5759, 0.3011,
0.3290

30.0054, 0.4306,
0.2899

■ 25.3415, 0.4659,
0.2859

■ 21.9758, 0.5037,
0.2852

■ 19.7730, 0.5411,
0.2887

■ 18.5669, 0.5743,
0.2967

■ 18.2220, 0.5879,
0.3013

Harmonies

Analogous

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



63.7946, 0.3164, 0.3060



63.7946, 0.3337, 0.3183



63.7946, 0.3455, 0.3336

Triad

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



63.7946, 0.3337, 0.3183



63.7946, 0.3264, 0.3605



63.7946, 0.2785, 0.3085

Complementary

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



63.7946, 0.3337, 0.3183



77.7737, 0.2953, 0.3400

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.



63.7946, 0.2810, 0.3230



63.7946, 0.3337, 0.3183



63.7946, 0.3083, 0.3538

Square

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



63.7946, 0.3337, 0.3183



63.7946, 0.3411, 0.3582



63.7946, 0.2918, 0.3398



63.7946, 0.2848, 0.3001

Rectangle

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



63.7946, 0.3337, 0.3183



63.7946, 0.3484, 0.3436



63.7946, 0.2918, 0.3398



63.7946, 0.2783, 0.3128

Sweetspot

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



63.7974, 0.3337, 0.3183



91.5536, 0.3189, 0.3256



63.5051, 0.3068, 0.2904



19.3518, 0.3198, 0.3251



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.



63.7974, 0.3337, 0.3183



72.1741, 0.3384, 0.3162



67.0229, 0.3401, 0.3375



15.1226, 0.3249, 0.3225



10.0615, 0.5839, 0.2990



0.8059, 0.5445, 0.2773

Inverse Universe

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



63.7974, 0.3337, 0.3183



72.1741, 0.3384, 0.3162



73.9414, 0.2892, 0.3203



15.1226, 0.3249, 0.3225



10.0615, 0.5839, 0.2990



0.8059, 0.5445, 0.2773

Previews

White Background



This preview shows how the Yxy color 63.7946, 0.3337, 0.3183 looks on a white background.

Color Contrast Check

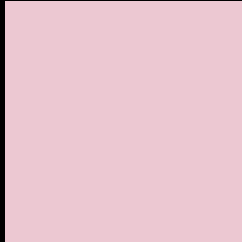
Large Text (above 18pt) WCAG AA × Fail

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 63.7946, 0.3337, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

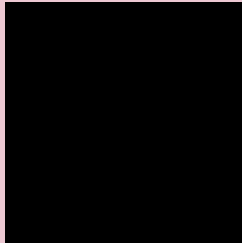
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7946, 0.3337, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 63.7946, 0.3337, 0.3183.



This preview shows how white text looks on a background with the Yxy color 63.7946, 0.3337, 0.3183.

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

63.7946, 0.3337, 0.3183

Protanopia

63.8669, 0.3101, 0.3211

Deuteranopia

63.9733, 0.3285, 0.3225



Tritanopia

63.7577, 0.3308, 0.3119

Trichromacy



Original Color

63.7946, 0.3337, 0.3183

Protanomaly

63.6824, 0.3185, 0.3201

Deuteranomaly

64.0003, 0.3310, 0.3214

Tritanomaly

63.6555, 0.3323, 0.3140

Monochromacy



Original Color

63.7946, 0.3337, 0.3183

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1871, 0.3204, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7946, 0.3337, 0.3183 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(236, 200, 210)` looks like.

```
.text, #text, p{  
    color:rgb(236, 200, 210)  
}
```

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(236, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 200, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.7946, 0.3337, 0.3183 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(236, 200, 210) }
```

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

```
.border{ border-color:rgb(236, 200, 210) }
```

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

Here you see how a box with a 4 pixel rgb(236, 200, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(236, 200,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7946, 0.3337, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 200, 210) }
```

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

```
.background{ background-color: rgb(236,  
200, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor