

Converting Colors

Yxy(80.9904, 0.3249, 0.3151)

Have a look what the booklet for
Yxy(80.9904, 0.3249, 0.3151)
contains.

Yxy(80.8033, 0.3246, 0.3142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(80.8033, 0.3246, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0EF
RGB	255, 224, 239
RGB Percent	100%, 88%, 94%
CMY	0.0000, 0.1215, 0.0626
CMYK	0.00, 0.12, 0.06, 0.00
HSL	331°, 100%, 94%
HSV	331°, 12%, 100%
XYZ	83.4779, 80.8033, 92.8904
YIQ	234.9790, 13.6610, 11.2370

Conversions

Conversions Part 2

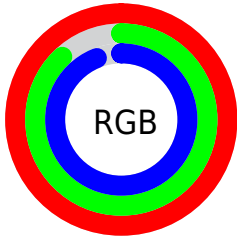
Format	Color
R_{YB}	255, 224, 239
Decimal	16769263
CIE Lab	92.04, 13.12, -3.40
CIE LCh	92, 13.556, 345.465
Yxy	80.8033, 0.3246, 0.3142
Android (android.graphics.Color)	4294959343 (0xFFFFE0EF)
YUV	234.9790, 1.9824, 17.5584
Hunter-Lab	89.8907, 8.4572, 1.6549

Details

The Yxy color **80.8033, 0.3246, 0.3142** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.6512, 0.3023, 0.3443**, and the grayscale version is **83.0410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8006, 0.3272, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **67.3647, 0.3367, 0.3013**, and if you desaturate by 10%, it is **96.3606, 0.3146, 0.3265**.

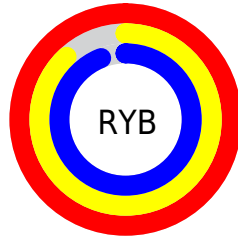
Distribution



Red (100%)

Green (88%)

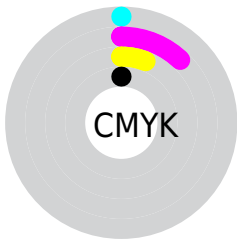
Blue (94%)



Red (100%)

Yellow (88%)

Blue (94%)

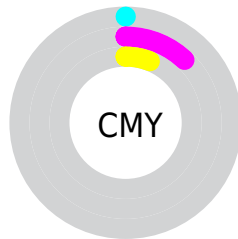


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8033, 0.3246, 0.3142 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 80.8033, 0.3246, 0.3142 by changing the saturation by 10% instead.

 80.8033, 0.3246,
0.3142

 80.8033, 0.3246,
0.3142


497.6359, 0.3192,
0.3209

 60.3796, 0.3258,
0.3127


134.4945, 0.3228,
0.3165

 43.7247, 0.3273,
0.3109


168.5309, 0.3220,
0.3174

 30.4541, 0.3291,
0.3087


207.8736, 0.3214,
0.3181

 20.1835, 0.3314,
0.3058

252.9070, 0.3209,
0.3188

 12.5285, 0.3346,
0.3020

304.0155, 0.3204,
0.3194

 7.1047, 0.3390,
0.2966

361.5836, 0.3200,

 3.5277, 0.3456,

0.3199

0.2886

425.9956, 0.3196,
0.3204

■ 1.4130, 0.3567,
0.2755

■ 0.2263, 0.4297,
0.1816

■ 80.8033, 0.3246,
0.3142

■ 80.8033, 0.3246,
0.3142

■ 67.3647, 0.3367,
0.3013

■ 96.3606, 0.3146,
0.3265

■ 55.9417, 0.3511,
0.2882

99.9984, 0.3127,
0.3290

■ 46.4387, 0.3683,
0.2753

■ 38.7479, 0.3883,
0.2634

■ 32.7508, 0.4110,
0.2537

■ 28.3147, 0.4358,
0.2475

■ 25.2864, 0.4617,
0.2459

■ 23.4817, 0.4873,
0.2499

■ 22.7073, 0.5065,
0.2564

Harmonies

Analogous

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



80.8033, 0.3087, 0.3053



80.8033, 0.3246, 0.3142



80.8033, 0.3376, 0.3269

Triad

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



80.8033, 0.3246, 0.3142



80.8033, 0.3311, 0.3566



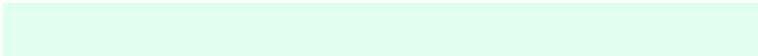
80.8033, 0.2827, 0.3164

Complementary

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



80.8033, 0.3246, 0.3142



93.6512, 0.3023, 0.3443

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.



80.8033, 0.2884, 0.3305



80.8033, 0.3246, 0.3142



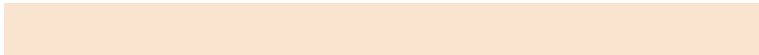
80.8033, 0.3162, 0.3542

Square

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



80.8033, 0.3246, 0.3142



80.8033, 0.3413, 0.3514



80.8033, 0.3005, 0.3445



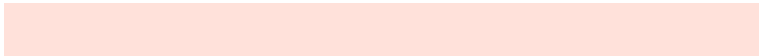
80.8033, 0.2847, 0.3062

Rectangle

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



80.8033, 0.3246, 0.3142



80.8033, 0.3426, 0.3360



80.8033, 0.3005, 0.3445



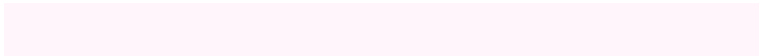
80.8033, 0.2837, 0.3208

Sweetspot

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



80.8068, 0.3246, 0.3142



93.3303, 0.3163, 0.3243



78.9709, 0.3036, 0.2980



19.7164, 0.3170, 0.3233



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

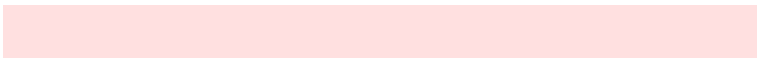
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8068, 0.3246, 0.3142



76.7732, 0.3278, 0.3106



79.9544, 0.3348, 0.3291



18.1340, 0.3218, 0.3175



11.8959, 0.5027, 0.2543



1.1802, 0.4764, 0.2398

Inverse Universe

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



80.8068, 0.3246, 0.3142



76.7732, 0.3278, 0.3106



94.5821, 0.2940, 0.3289



18.1340, 0.3218, 0.3175



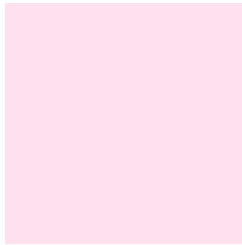
11.8959, 0.5027, 0.2543



1.1802, 0.4764, 0.2398

Previews

White Background



This preview shows how the Yxy color 80.8033, 0.3246, 0.3142 looks on a white background.

Color Contrast Check

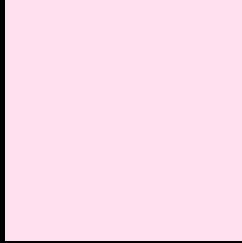
Large Text (above 18pt) WCAG AA × Fail

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 80.8033, 0.3246, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

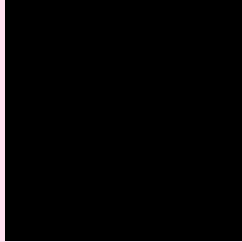
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.8033, 0.3246, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 80.8033, 0.3246, 0.3142.



This preview shows how white text looks on a background with the Yxy color 80.8033, 0.3246, 0.3142.

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

80.8033, 0.3246, 0.3142

Protanopia

80.9465, 0.3066, 0.3167

Deuteranopia

80.7779, 0.3224, 0.3151



Tritanopia

80.9222, 0.3233, 0.3123

Trichromacy



Original Color

80.8033, 0.3246, 0.3142

Protanomaly

80.5984, 0.3127, 0.3149

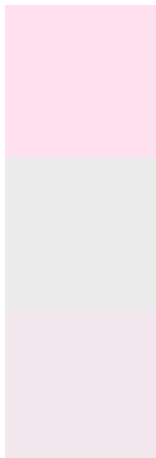
Deuteranomaly

80.9651, 0.3231, 0.3152

Tritanomaly

80.8626, 0.3240, 0.3133

Monochromacy



Original Color

80.8033, 0.3246, 0.3142

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.0852, 0.3170, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8033, 0.3246, 0.3142 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(255, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 239)  
}
```

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(255, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 239) }
```

Border

The CSS property to change the border of an element to Yxy 80.8033, 0.3246, 0.3142 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(255, 224, 239) }
```

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

```
.border{ border-color:rgb(255, 224, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8033, 0.3246, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 239) }
```

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

```
.background{ background-color: rgb(255,  
224, 239) }
```

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