

Converting Colors

$Y_{xy}(81.1330, 0.3269, 0.3187)$

Have a look what the booklet for
Yxy(81.1330, 0.3269, 0.3187)
contains.

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Color

Yxy(81.1086, 0.3272, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1EB
RGB	255, 225, 235
RGB Percent	100%, 88%, 92%
CMY	0.0002, 0.1175, 0.0785
CMYK	0.00, 0.12, 0.08, 0.00
HSL	340°, 100%, 94%
HSV	340°, 12%, 100%
XYZ	83.1414, 81.1086, 89.8496
YIQ	235.1100, 14.6700, 9.4700

Conversions

Conversions Part 2

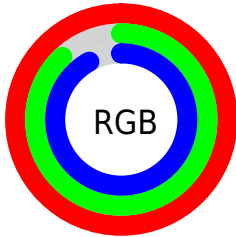
Format	Color
R _Y B	255, 225, 235
Decimal	16769515
CIE Lab	92.18, 11.89, -1.08
CIE LCh	92, 11.941, 354.834
Yxy	81.1086, 0.3272, 0.3192
Android (android.graphics.Color)	4294959595 (0xFFFFE1EB)
YUV	235.1100, -0.0542, 17.4435
Hunter-Lab	90.0603, 7.1811, 3.8909

Details

The Yxy color **81.1086, 0.3272, 0.3192** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.0882, 0.3001, 0.3390**, and the grayscale version is **83.1549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0099, 0.3306, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **67.4023, 0.3426, 0.3103**, and if you desaturate by 10%, it is **96.9742, 0.3146, 0.3276**.

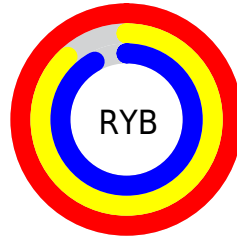
Distribution



Red (100%)

Green (88%)

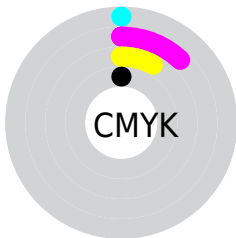
Blue (92%)



Red (100%)

Yellow (88%)

Blue (92%)

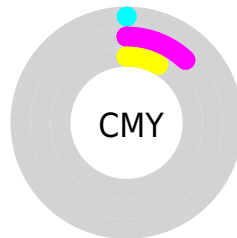


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1086, 0.3272, 0.3192 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 81.1086, 0.3272, 0.3192 by changing the saturation by 10% instead.


 81.1086, 0.3272,
0.3192

 81.1086, 0.3272,
0.3192


498.6611, 0.3206,
0.3236

 60.6310, 0.3287,
0.3182


134.9232, 0.3249,
0.3207

 43.9275, 0.3305,
0.3170


169.0291, 0.3241,
0.3213

 30.6135, 0.3327,
0.3155


208.4466, 0.3233,
0.3218

 20.3047, 0.3357,
0.3135

253.5600, 0.3226,
0.3223

 12.6167, 0.3396,
0.3109

304.7537, 0.3220,
0.3227

 7.1652, 0.3451,
0.3072

362.4122, 0.3215,

 3.5656, 0.3535,

0.3230

0.3017

426.9199, 0.3211,
0.3234

■ 1.4337, 0.3677,
0.2923

■ 0.2413, 0.4729,
0.2196

■ 81.1086, 0.3272,
0.3192

■ 81.1086, 0.3272,
0.3192

■ 67.4023, 0.3426,
0.3103

■ 96.9742, 0.3146,
0.3276

■ 55.7511, 0.3614,
0.3012

99.9891, 0.3127,
0.3290

■ 46.0581, 0.3841,
0.2923

■ 38.2143, 0.4111,
0.2842

■ 32.1001, 0.4421,
0.2780

■ 27.5817, 0.4763,
0.2750

■ 24.5051, 0.5115,
0.2763

■ 22.6857, 0.5449,
0.2827

■ 21.9011, 0.5693,
0.2910

Harmonies

Analogous

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



81.1086, 0.3136, 0.3101



81.1086, 0.3272, 0.3192



81.1086, 0.3370, 0.3309

Triad

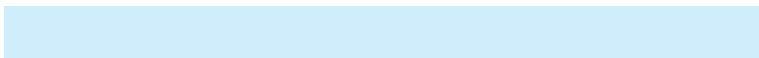
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1086, 0.3272, 0.3192



81.1086, 0.3251, 0.3534



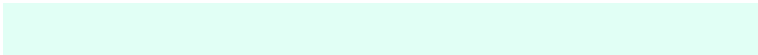
81.1086, 0.2860, 0.3147

Complementary

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



81.1086, 0.3272, 0.3192



94.0882, 0.3001, 0.3390

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.



81.1086, 0.2890, 0.3263



81.1086, 0.3272, 0.3192



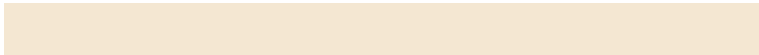
81.1086, 0.3114, 0.3491

Square

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



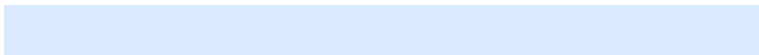
81.1086, 0.3272, 0.3192



81.1086, 0.3357, 0.3508



81.1086, 0.2982, 0.3390



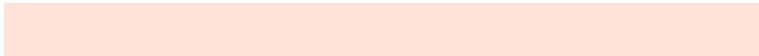
81.1086, 0.2900, 0.3073

Rectangle

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



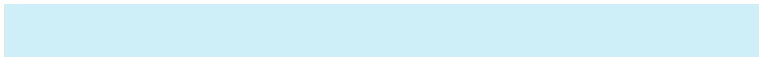
81.1086, 0.3272, 0.3192



81.1086, 0.3399, 0.3389



81.1086, 0.2982, 0.3390



81.1086, 0.2863, 0.3182

Sweetspot

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



81.1122, 0.3272, 0.3192



93.2330, 0.3173, 0.3258



80.4901, 0.3073, 0.2994



19.6918, 0.3182, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

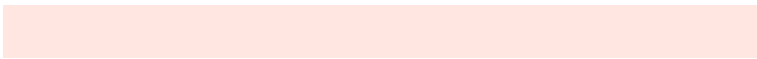
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1122, 0.3272, 0.3192



77.8587, 0.3304, 0.3172



83.2890, 0.3333, 0.3340



18.0867, 0.3242, 0.3211



11.4742, 0.5650, 0.2886



1.1365, 0.5332, 0.2711

Inverse Universe

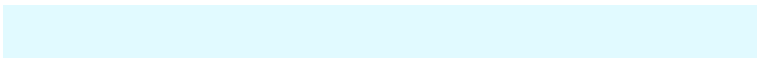
The Inverse Universe completely reimagines the original color for something new.



81.1122, 0.3272, 0.3192



77.8587, 0.3304, 0.3172



91.5732, 0.2946, 0.3239



18.0867, 0.3242, 0.3211



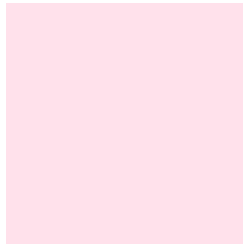
11.4742, 0.5650, 0.2886



1.1365, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 81.1086, 0.3272, 0.3192 looks on a white background.

Color Contrast Check

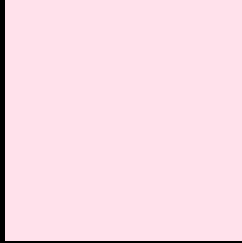
Large Text (above 18pt) WCAG AA × Fail

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 81.1086, 0.3272, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

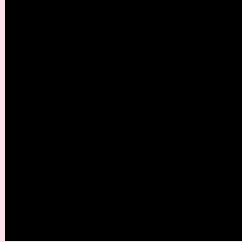
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1086, 0.3272, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 81.1086, 0.3272, 0.3192.

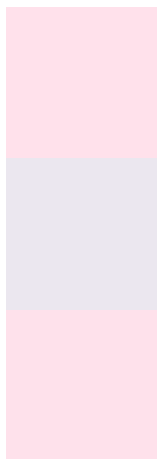


This preview shows how white text looks on a background with the Yxy color 81.1086, 0.3272, 0.3192.

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

81.1086, 0.3272, 0.3192

Protanopia

81.0460, 0.3104, 0.3208

Deuteranopia

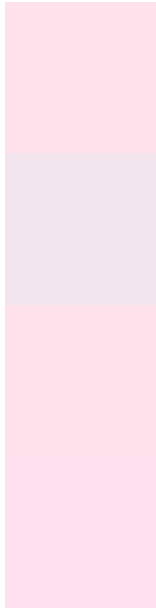
80.9194, 0.3265, 0.3191



Tritanopia

80.9222, 0.3233, 0.3123

Trichromacy



Original Color

81.1086, 0.3272, 0.3192

Protanomaly

81.0889, 0.3159, 0.3199

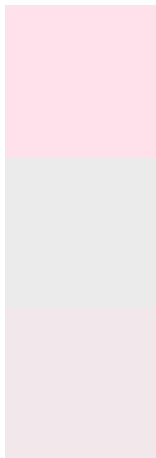
Deuteranomaly

80.9194, 0.3265, 0.3191

Tritanomaly

80.8033, 0.3246, 0.3142

Monochromacy



Original Color

81.1086, 0.3272, 0.3192

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.0272, 0.3177, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1086, 0.3272, 0.3192 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, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 235)  
}
```

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, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 235) }
```

Border

The CSS property to change the border of an element to Yxy 81.1086, 0.3272, 0.3192 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, 225, 235) }
```

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

```
.border{ border-color:rgb(255, 225, 235) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1086, 0.3272, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 235) }
```

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

```
.background{ background-color: rgb(255,  
225, 235) }
```

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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