

Converting Colors

$Y_{xy}(92.5969, 0.3649, 0.3273)$

Have a look what the booklet for
Yxy(92.5969, 0.3649, 0.3273)
contains.

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Color

Yxy(82.4600, 0.3303, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E6
RGB	255, 228, 230
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1059, 0.0982
CMYK	0.00, 0.11, 0.10, 0.00
HSL	356°, 100%, 95%
HSV	356°, 11%, 100%
XYZ	83.2667, 82.4600, 86.3675
YIQ	236.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

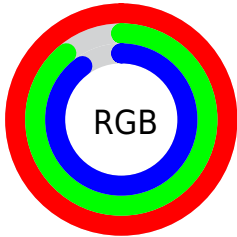
Format	Color
R _Y B	255, 228, 230
Decimal	16770278
CIE Lab	92.78, 9.56, 2.41
CIE LCh	93, 9.856, 14.155
Yxy	82.4600, 0.3303, 0.3271
Android (android.graphics.Color)	4294960358 (0xFFFFE4E6)
YUV	236.3010, -3.1064, 16.3990
Hunter-Lab	90.8075, 4.7640, 7.1742

Details

The Yxy color $82.4600, 0.3303, 0.3271$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $95.1087, 0.2975, 0.3309$, and the grayscale version is $84.1372, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.9881, 0.3337, 0.3265$ is the 20% darker color. If you saturate the color by 10%, you get $68.2103, 0.3512, 0.3252$, and if you desaturate by 10%, it is $98.9605, 0.3136, 0.3289$.

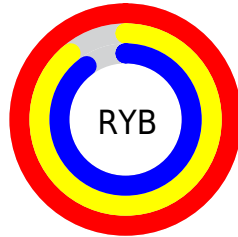
Distribution



Red (100%)

Green (89%)

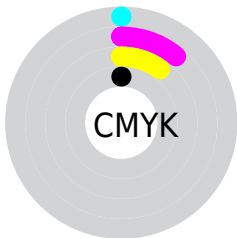
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

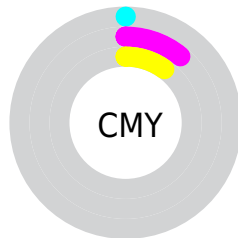


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4600, 0.3303, 0.3271 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 82.4600, 0.3303, 0.3271 by changing the saturation by 10% instead.

 82.4600, 0.3303,
0.3271

 82.4600, 0.3303,
0.3271

503.1851, 0.3223,
0.3280

 61.7448, 0.3321,
0.3269


136.8189, 0.3276,
0.3274

 44.8265, 0.3343,
0.3266


171.2313, 0.3265,
0.3275

 31.3208, 0.3370,
0.3263


210.9783, 0.3256,
0.3277

 20.8432, 0.3406,
0.3258

256.4442, 0.3247,
0.3277

 13.0095, 0.3454,
0.3252

308.0135, 0.3240,
0.3278

 7.4351, 0.3522,
0.3243

366.0704, 0.3234,

 3.7356, 0.3625,

0.3279

0.3228

430.9995, 0.3228,
0.3280

■ 1.5268, 0.3800,
0.3200

■ 0.3075, 0.5259,
0.3077

■ 82.4600, 0.3303,
0.3271

■ 82.4600, 0.3303,
0.3271

■ 68.2103, 0.3512,
0.3252

98.9605, 0.3136,
0.3289

■ 56.1118, 0.3772,
0.3232

100.0000, 0.3127,
0.3290

■ 46.0605, 0.4092,
0.3214

■ 37.9433, 0.4476,
0.3198

■ 31.6358, 0.4916,
0.3190

■ 26.9992, 0.5382,
0.3192

■ 23.8746, 0.5818,
0.3208

■ 22.0723, 0.6156,
0.3238

■ 21.3056, 0.6344,
0.3268

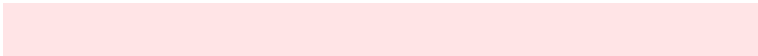
Harmonies

Analogous

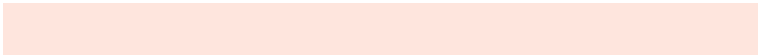
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4600, 0.3209, 0.3179



82.4600, 0.3303, 0.3271



82.4600, 0.3350, 0.3370

Triad

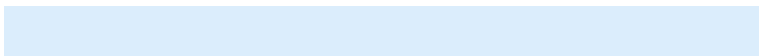
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4600, 0.3303, 0.3271



82.4600, 0.3158, 0.3473



82.4600, 0.2922, 0.3128

Complementary

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



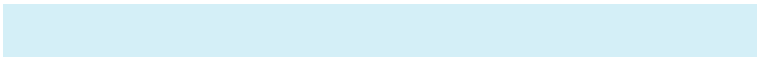
82.4600, 0.3303, 0.3271



95.1087, 0.2975, 0.3309

Split Complementary

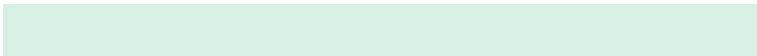
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4600, 0.2910, 0.3204



82.4600, 0.3303, 0.3271



82.4600, 0.3044, 0.3405

Square

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



82.4600, 0.3303, 0.3271



82.4600, 0.3265, 0.3488



82.4600, 0.2954, 0.3306



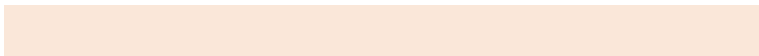
82.4600, 0.2989, 0.3097

Rectangle

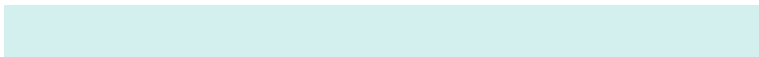
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



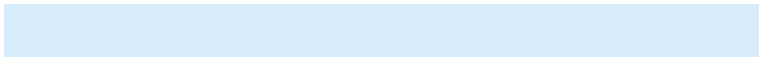
82.4600, 0.3303, 0.3271



82.4600, 0.3347, 0.3427



82.4600, 0.2954, 0.3306



82.4600, 0.2912, 0.3149

Sweetspot

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



82.4607, 0.3303, 0.3271



94.7673, 0.3173, 0.3285



83.5451, 0.3124, 0.3028



19.9924, 0.3186, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

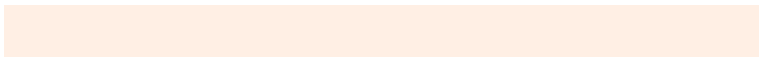
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4607, 0.3303, 0.3271



78.8190, 0.3349, 0.3267



88.7427, 0.3303, 0.3401



18.0085, 0.3283, 0.3273



11.1403, 0.6325, 0.3258



1.0918, 0.6160, 0.3167

Inverse Universe

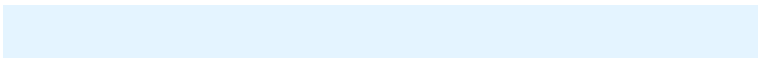
The Inverse Universe completely reimagines the original color for something new.



82.4607, 0.3303, 0.3271



78.8190, 0.3349, 0.3267



88.2668, 0.2962, 0.3176



18.0085, 0.3283, 0.3273



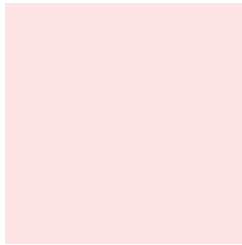
11.1403, 0.6325, 0.3258



1.0918, 0.6160, 0.3167

Previews

White Background



This preview shows how the Yxy color 82.4600, 0.3303, 0.3271 looks on a white background.

Color Contrast Check

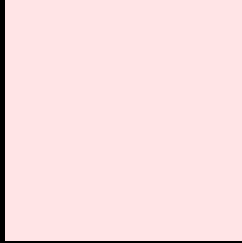
Large Text (above 18pt) WCAG AA × Fail

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 82.4600, 0.3303, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

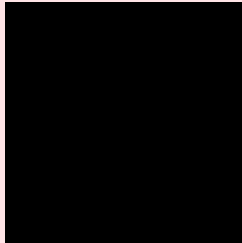
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

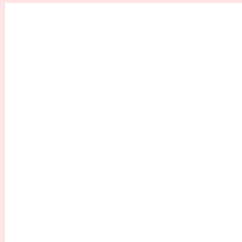
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4600, 0.3303, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 82.4600, 0.3303, 0.3271.

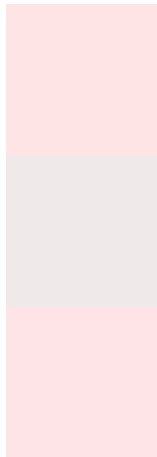


This preview shows how white text looks on a background with the Yxy color 82.4600, 0.3303, 0.3271.

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

82.4600, 0.3303, 0.3271

Protanopia

82.5117, 0.3168, 0.3290

Deuteranopia

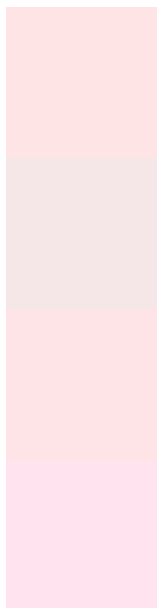
82.5163, 0.3296, 0.3261



Tritanopia

82.6692, 0.3217, 0.3133

Trichromacy



Original Color

82.4600, 0.3303, 0.3271

Protanomaly

82.3905, 0.3217, 0.3280

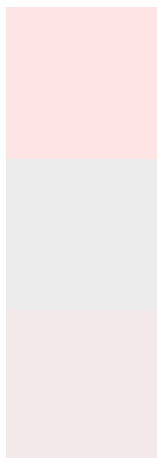
Deuteranomaly

82.5163, 0.3296, 0.3261

Tritanomaly

82.3712, 0.3250, 0.3182

Monochromacy



Original Color

82.4600, 0.3303, 0.3271

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.2730, 0.3189, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4600, 0.3303, 0.3271 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, 228, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 230)  
}
```

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, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 230) }
```

Border

The CSS property to change the border of an element to Yxy 82.4600, 0.3303, 0.3271 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, 228, 230) }
```

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

```
.border{ border-color:rgb(255, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4600, 0.3303, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 230) }
```

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

```
.background{ background-color: rgb(255,  
228, 230) }
```

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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