

Converting Colors

$Y_{xy}(82.3226, 0.3291, 0.3248)$

Have a look what the booklet for
Yxy(82.3226, 0.3291, 0.3248)
contains.

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Color

Yxy(82.5730, 0.3289, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E8
RGB	255, 228, 232
RGB Percent	100%, 89%, 91%
CMY	0.0002, 0.1058, 0.0902
CMYK	0.00, 0.11, 0.09, 0.00
HSL	351°, 100%, 95%
HSV	351°, 11%, 100%
XYZ	83.5382, 82.5730, 87.8814
YIQ	236.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 228, 232
Decimal	16770280
CIE Lab	92.83, 9.86, 1.42
CIE LCh	93, 9.964, 8.196
Yxy	82.5730, 0.3289, 0.3251
Android (android.graphics.Color)	4294960360 (0xFFFFE4E8)
YUV	236.5290, -2.2328, 16.1991
Hunter-Lab	90.8697, 5.0764, 6.2685

Details

The Yxy color $82.5730, 0.3289, 0.3251$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $94.9556, 0.2986, 0.3329$, and the grayscale version is $84.3156, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.0275, 0.3328, 0.3253$ is the 20% darker color. If you saturate the color by 10%, you get $68.4069, 0.3481, 0.3212$, and if you desaturate by 10%, it is $98.9676, 0.3135, 0.3288$.

Distribution



Red (100%)

Green (89%)

Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)



Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5730, 0.3289, 0.3251 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 82.5730, 0.3289, 0.3251 by changing the saturation by 10% instead.


 82.5730, 0.3289,
0.3251

 82.5730, 0.3289,
0.3251


503.5623, 0.3216,
0.3269

 61.8380, 0.3305,
0.3247


136.9773, 0.3264,
0.3257

 44.9018, 0.3326,
0.3242


171.4153, 0.3254,
0.3260

 31.3801, 0.3351,
0.3236


211.1897, 0.3245,
0.3262

 20.8884, 0.3384,
0.3227

256.6850, 0.3238,
0.3264

 13.0425, 0.3427,
0.3216

308.2855, 0.3231,
0.3265

 7.4578, 0.3489,
0.3200

366.3756, 0.3226,

 3.7500, 0.3583,

0.3267

0.3175

431.3398, 0.3220,
0.3268

■ 1.5347, 0.3743,
0.3132

■ 0.3130, 0.4926,
0.2864

■ 82.5730, 0.3289,
0.3251

■ 82.5730, 0.3289,
0.3251

■ 68.4069, 0.3481,
0.3212

98.9676, 0.3135,
0.3288

■ 56.3625, 0.3718,
0.3171

99.9925, 0.3127,
0.3290

■ 46.3410, 0.4010,
0.3132

■ 38.2309, 0.4360,
0.3098

■ 31.9103, 0.4764,
0.3075

■ 27.2431, 0.5202,
0.3072

■ 24.0734, 0.5630,
0.3095

■ 22.2155, 0.5992,
0.3146

■ 21.3906, 0.6232,
0.3207

Harmonies

Analogous

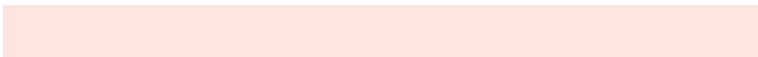
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5730, 0.3187, 0.3162



82.5730, 0.3289, 0.3251



82.5730, 0.3348, 0.3351

Triad

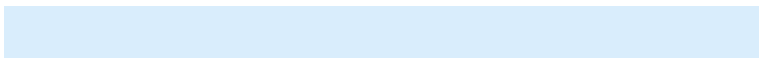
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5730, 0.3289, 0.3251



82.5730, 0.3181, 0.3482



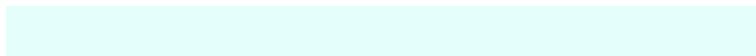
82.5730, 0.2913, 0.3139

Complementary

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



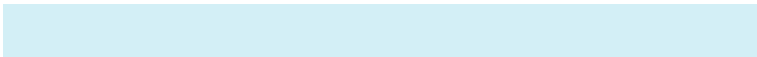
82.5730, 0.3289, 0.3251



94.9556, 0.2986, 0.3329

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.



82.5730, 0.2912, 0.3222



82.5730, 0.3289, 0.3251



82.5730, 0.3065, 0.3423

Square

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



82.5730, 0.3289, 0.3251



82.5730, 0.3284, 0.3487



82.5730, 0.2967, 0.3327



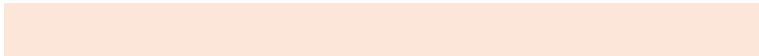
82.5730, 0.2971, 0.3097

Rectangle

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



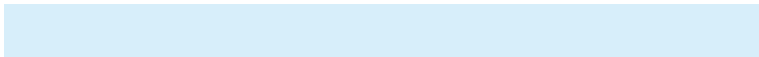
82.5730, 0.3289, 0.3251



82.5730, 0.3353, 0.3412



82.5730, 0.2967, 0.3327



82.5730, 0.2906, 0.3163

Sweetspot

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



82.5766, 0.3289, 0.3251



94.8030, 0.3169, 0.3279



83.2094, 0.3112, 0.3027



20.0019, 0.3181, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

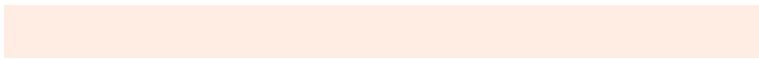
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5766, 0.3289, 0.3251



78.9553, 0.3332, 0.3242



87.6838, 0.3305, 0.3383



18.0308, 0.3271, 0.3255



11.1940, 0.6202, 0.3190



1.1023, 0.5935, 0.3043

Inverse Universe

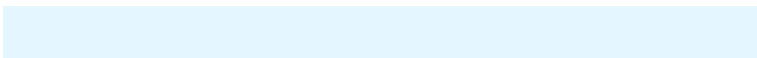
The Inverse Universe completely reimagines the original color for something new.



82.5766, 0.3289, 0.3251



78.9553, 0.3332, 0.3242



89.3414, 0.2963, 0.3195



18.0308, 0.3271, 0.3255



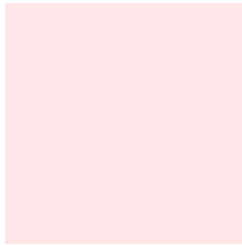
11.1940, 0.6202, 0.3190



1.1023, 0.5935, 0.3043

Previews

White Background



This preview shows how the Yxy color 82.5730, 0.3289, 0.3251 looks on a white background.

Color Contrast Check

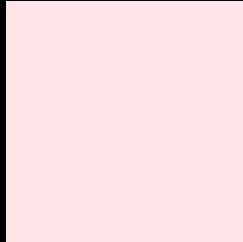
Large Text (above 18pt) WCAG AA × Fail

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 82.5730, 0.3289, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

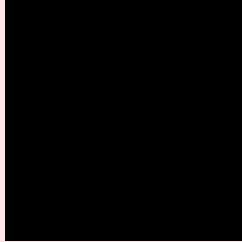
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

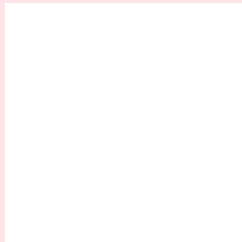
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5730, 0.3289, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 82.5730, 0.3289, 0.3251.

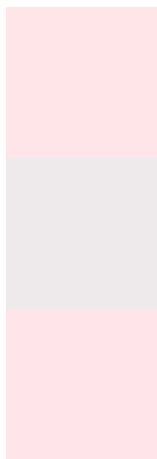


This preview shows how white text looks on a background with the Yxy color 82.5730, 0.3289, 0.3251.

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

82.5730, 0.3289, 0.3251

Protanopia

82.4531, 0.3148, 0.3270

Deuteranopia

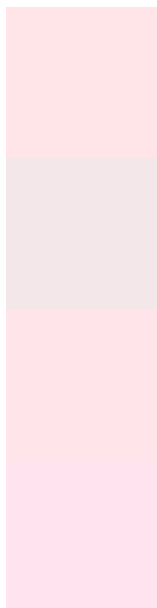
82.6300, 0.3283, 0.3241



Tritanopia

82.6692, 0.3217, 0.3133

Trichromacy



Original Color

82.5730, 0.3289, 0.3251

Protanomaly

82.3254, 0.3197, 0.3260

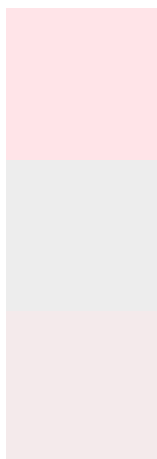
Deuteranomaly

82.6300, 0.3283, 0.3241

Tritanomaly

82.4302, 0.3244, 0.3172

Monochromacy



Original Color

82.5730, 0.3289, 0.3251

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.0769, 0.3188, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5730, 0.3289, 0.3251 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 232) }
```

Border

The CSS property to change the border of an element to Yxy 82.5730, 0.3289, 0.3251 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, 232) }
```

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

```
.border{ border-color:rgb(255, 228, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5730, 0.3289, 0.3251 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
228, 232) }
```

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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