

Converting Colors

$Yxy(89.0317, 0.3575, 0.3311)$

Have a look what the booklet for
Yxy(89.0317, 0.3575, 0.3311)
contains.

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Color

Yxy(82.2378, 0.3330, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E2
RGB	255, 228, 226
RGB Percent	100%, 89%, 89%
CMY	0.0000, 0.1059, 0.1139
CMYK	0.00, 0.11, 0.11, 0.00
HSL	4°, 100%, 94%
HSV	4°, 11%, 100%
XYZ	82.7097, 82.2378, 83.4300
YIQ	235.8450, 16.7340, 5.1020

Conversions

Conversions Part 2

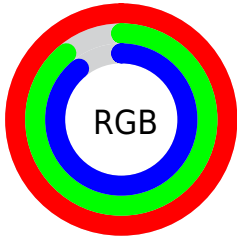
Format	Color
R _Y B	255, 228, 226
Decimal	16770274
CIE Lab	92.68, 8.91, 4.36
CIE LCh	93, 9.921, 26.101
Yxy	82.2378, 0.3330, 0.3311
Android (android.graphics.Color)	4294960354 (0xFFFFE4E2)
YUV	235.8450, -4.8536, 16.7989
Hunter-Lab	90.6851, 4.1029, 8.9329

Details

The Yxy color **82.2378, 0.3330, 0.3311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.5977, 0.2951, 0.3269**, and the grayscale version is **83.7817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8332, 0.3372, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **68.7838, 0.3554, 0.3331**, and if you desaturate by 10%, it is **97.6879, 0.3149, 0.3292**.

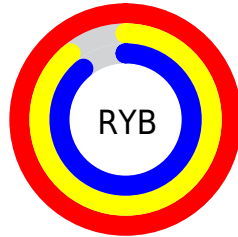
Distribution



Red (100%)

Green (89%)

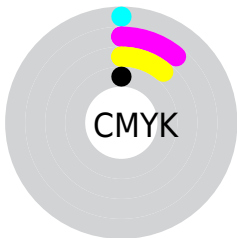
Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)

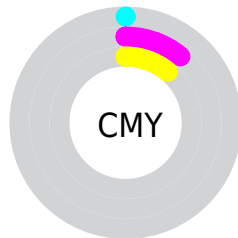


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2378, 0.3330, 0.3311 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 82.2378, 0.3330, 0.3311 by changing the saturation by 10% instead.


 82.2378, 0.3330,
0.3311

 82.2378, 0.3330,
0.3311


502.4428, 0.3238,
0.3302

 61.5616, 0.3351,
0.3313


136.5074, 0.3298,
0.3308

 44.6785, 0.3376,
0.3315


170.8696, 0.3286,
0.3307

 31.2043, 0.3408,
0.3317


210.5626, 0.3275,
0.3306

 20.7545, 0.3450,
0.3320

255.9707, 0.3266,
0.3305

 12.9446, 0.3505,
0.3324

307.4784, 0.3257,
0.3304

 7.3904, 0.3584,
0.3328

365.4700, 0.3250,

 3.7075, 0.3704,

0.3304

0.3333

430.3300, 0.3244,
0.3303

■ 1.5113, 0.3909,
0.3337

■ 0.2967, 0.6136,
0.3645

■ 82.2378, 0.3330,
0.3311

■ 82.2378, 0.3330,
0.3311

■ 68.7838, 0.3554,
0.3331

■ 97.6879, 0.3149,
0.3292

■ 57.2431, 0.3830,
0.3352

100.0000, 0.3127,
0.3290

■ 47.5293, 0.4167,
0.3371

■ 39.5485, 0.4566,
0.3388

■ 33.1989, 0.5015,
0.3399

■ 28.3677, 0.5481,
0.3398

■ 24.9278, 0.5903,
0.3383

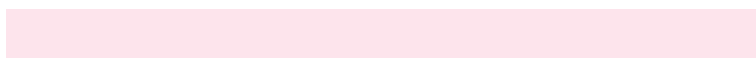
■ 22.7315, 0.6213,
0.3355

■ 21.6935, 0.6363,
0.3330

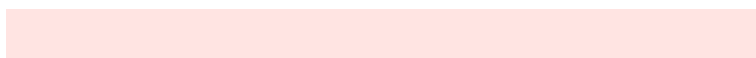
Harmonies

Analogous

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



82.2378, 0.3251, 0.3213



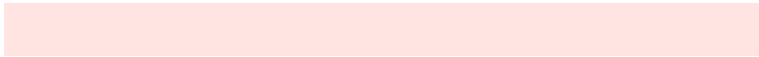
82.2378, 0.3330, 0.3311



82.2378, 0.3353, 0.3406

Triad

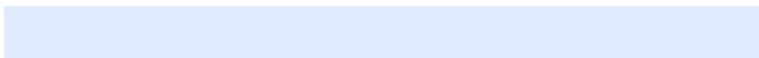
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2378, 0.3330, 0.3311



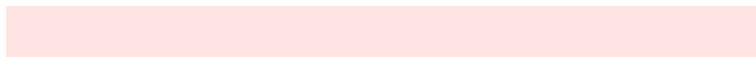
82.2378, 0.3112, 0.3453



82.2378, 0.2942, 0.3108

Complementary

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



82.2378, 0.3330, 0.3311



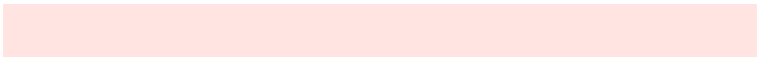
93.5977, 0.2951, 0.3269

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.



82.2378, 0.2906, 0.3169



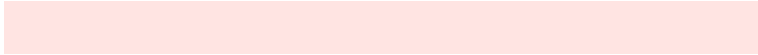
82.2378, 0.3330, 0.3311



82.2378, 0.3003, 0.3369

Square

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



82.2378, 0.3330, 0.3311



82.2378, 0.3226, 0.3490



82.2378, 0.2928, 0.3264



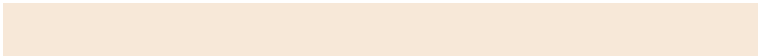
82.2378, 0.3027, 0.3097

Rectangle

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



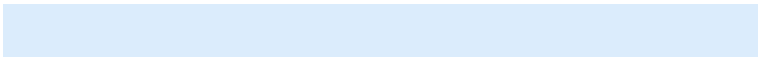
82.2378, 0.3330, 0.3311



82.2378, 0.3334, 0.3455



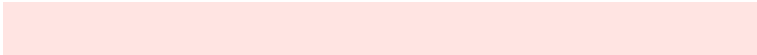
82.2378, 0.2928, 0.3264



82.2378, 0.2924, 0.3124

Sweetspot

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



82.2383, 0.3330, 0.3311



95.0647, 0.3176, 0.3295



82.7225, 0.3153, 0.3027



20.0722, 0.3189, 0.3297



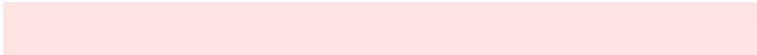
0.0000, 0.0000, 0.0000



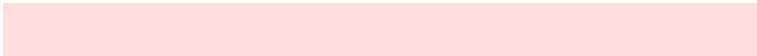
21.4041, 0.3127, 0.3290

Same Dimension

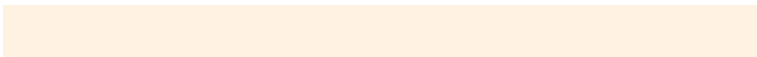
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2383, 0.3330, 0.3311



78.5394, 0.3384, 0.3316



90.4985, 0.3313, 0.3452



18.1931, 0.3293, 0.3307



11.4102, 0.6351, 0.3339



1.1795, 0.6240, 0.3428

Inverse Universe

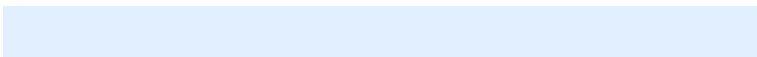
The Inverse Universe completely reimagines the original color for something new.



93.5977, 0.2951, 0.3269



92.2468, 0.2912, 0.3264



84.8447, 0.2949, 0.3122



20.2485, 0.2980, 0.3273



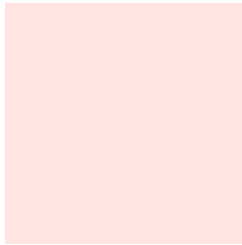
35.5056, 0.2185, 0.3067



3.5203, 0.2193, 0.3094

Previews

White Background



This preview shows how the Yxy color 82.2378, 0.3330, 0.3311 looks on a white background.

Color Contrast Check

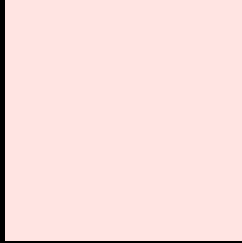
Large Text (above 18pt) WCAG AA × Fail

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 82.2378, 0.3330, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

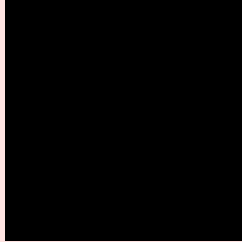
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

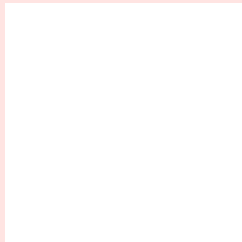
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2378, 0.3330, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 82.2378, 0.3330, 0.3311.

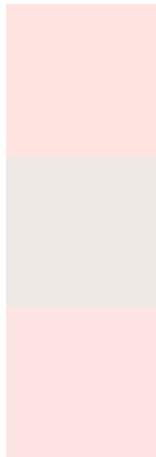


This preview shows how white text looks on a background with the Yxy color 82.2378, 0.3330, 0.3311.

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

82.2378, 0.3330, 0.3311

Protanopia

82.2857, 0.3193, 0.3331

Deuteranopia

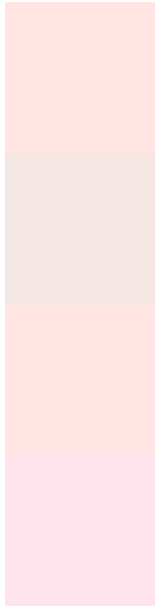
82.3482, 0.3316, 0.3291



Tritanopia

82.0635, 0.3225, 0.3133

Trichromacy



Original Color

82.2378, 0.3330, 0.3311

Protanomaly

82.1657, 0.3243, 0.3321

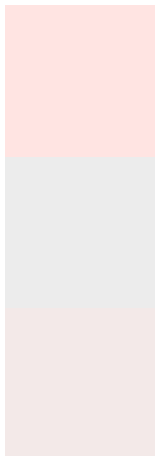
Deuteranomaly

82.2929, 0.3323, 0.3301

Tritanomaly

82.2543, 0.3264, 0.3202

Monochromacy



Original Color

82.2378, 0.3330, 0.3311

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.1587, 0.3201, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2378, 0.3330, 0.3311 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 226) }
```

Border

The CSS property to change the border of an element to Yxy 82.2378, 0.3330, 0.3311 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, 226) }
```

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

```
.border{ border-color:rgb(255, 228, 226) }
```

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, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2378, 0.3330, 0.3311 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
228, 226) }
```

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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