

Converting Colors

$Y_{xy}(82.3802, 0.3313, 0.3287)$

Have a look what the booklet for
Yxy(82.3802, 0.3313, 0.3287)
contains.

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Color

Yxy(82.3482, 0.3316, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E4
RGB	255, 228, 228
RGB Percent	100%, 89%, 89%
CMY	0.0001, 0.1058, 0.1060
CMYK	0.00, 0.11, 0.11, 0.00
HSL	0°, 100%, 95%
HSV	0°, 11%, 100%
XYZ	82.9738, 82.3482, 84.9005
YIQ	236.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

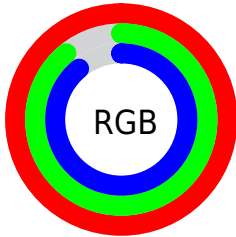
Format	Color
R _Y B	255, 228, 228
Decimal	16770276
CIE Lab	92.73, 9.21, 3.38
CIE LCh	93, 9.808, 20.157
Yxy	82.3482, 0.3316, 0.3291
Android (android.graphics.Color)	4294960356 (0xFFFFE4E4)
YUV	236.0730, -3.9800, 16.5990
Hunter-Lab	90.7459, 4.4066, 8.0513

Details

The Yxy color **82.3482, 0.3316, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95.1741, 0.2964, 0.3289**, and the grayscale version is **83.9597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9100, 0.3354, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **68.0491, 0.3541, 0.3292**, and if you desaturate by 10%, it is **98.9248, 0.3136, 0.3290**.

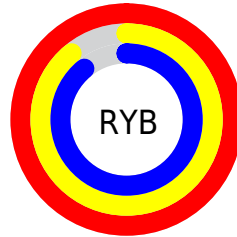
Distribution



Red (100%)

Green (89%)

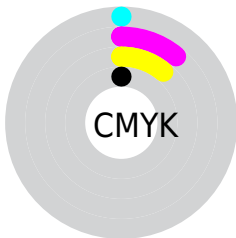
Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)

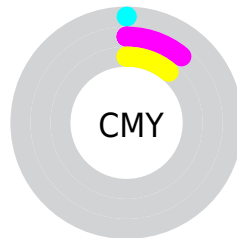


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3482, 0.3316, 0.3291 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 82.3482, 0.3316, 0.3291 by changing the saturation by 10% instead.


 82.3482, 0.3316,
0.3291

 82.3482, 0.3316,
0.3291


502.8117, 0.3230,
0.3291

 61.6526, 0.3335,
0.3291


136.6622, 0.3286,
0.3291

 44.7520, 0.3359,
0.3291


171.0494, 0.3275,
0.3291

 31.2622, 0.3389,
0.3290


210.7692, 0.3265,
0.3291

 20.7986, 0.3427,
0.3289

256.2060, 0.3256,
0.3291

 12.9768, 0.3479,
0.3288

307.7443, 0.3249,
0.3291

 7.4126, 0.3552,
0.3286

365.7684, 0.3242,

 3.7214, 0.3663,

0.3291

430.6627, 0.3236,
0.3291

0.3281

1.5190, 0.3852,
0.3269

0.3020, 0.5647,
0.3332

82.3482, 0.3316,
0.3291

82.3482, 0.3316,
0.3291

68.0491, 0.3541,
0.3292

98.9248, 0.3136,
0.3290

55.9178, 0.3823,
0.3294

99.9931, 0.3127,
0.3290

45.8517, 0.4170,
0.3295

37.7360, 0.4585,
0.3297

■ 31.4443, 0.5054,
0.3298

■ 26.8356, 0.5537,
0.3300

■ 23.7484, 0.5966,
0.3300

■ 21.9893, 0.6263,
0.3300

■ 21.2629, 0.6400,
0.3300

Harmonies

Analogous

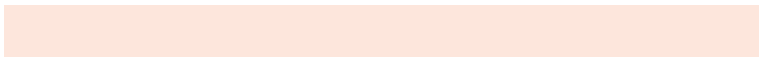
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3482, 0.3230, 0.3196



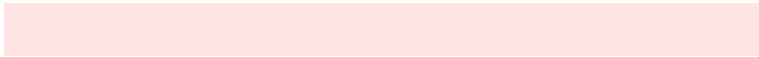
82.3482, 0.3316, 0.3291



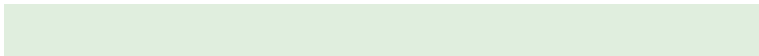
82.3482, 0.3351, 0.3388

Triad

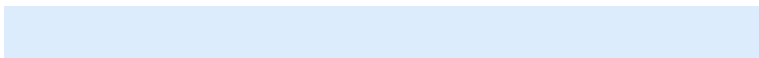
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3482, 0.3316, 0.3291



82.3482, 0.3135, 0.3462



82.3482, 0.2933, 0.3119

Complementary

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



82.3482, 0.3316, 0.3291



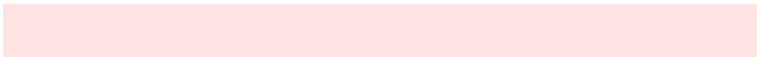
95.1741, 0.2964, 0.3289

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.



82.3482, 0.2909, 0.3187



82.3482, 0.3316, 0.3291



82.3482, 0.3024, 0.3387

Square

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



82.3482, 0.3316, 0.3291



82.3482, 0.3245, 0.3489



82.3482, 0.2942, 0.3285



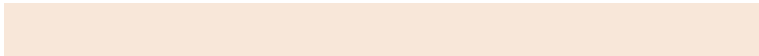
82.3482, 0.3008, 0.3097

Rectangle

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



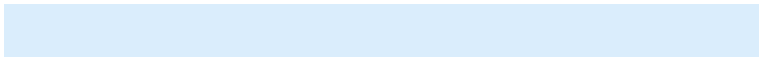
82.3482, 0.3316, 0.3291



82.3482, 0.3340, 0.3440



82.3482, 0.2942, 0.3285



82.3482, 0.2918, 0.3137

Sweetspot

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



82.3518, 0.3316, 0.3291



94.7411, 0.3176, 0.3290



83.9434, 0.3139, 0.3029



19.9853, 0.3190, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

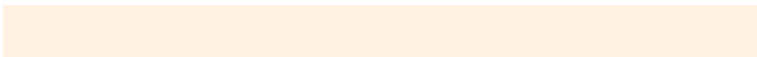
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3518, 0.3316, 0.3291



78.7197, 0.3366, 0.3291



90.0418, 0.3301, 0.3423



17.9922, 0.3295, 0.3291



11.1161, 0.6400, 0.3301



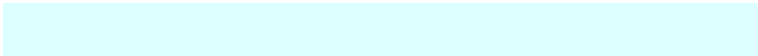
1.0841, 0.6397, 0.3303

Inverse Universe

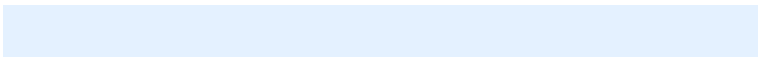
The Inverse Universe completely reimagines the original color for something new.



95.1741, 0.2964, 0.3289



94.2088, 0.2928, 0.3289



86.8961, 0.2962, 0.3153



20.4757, 0.2980, 0.3289



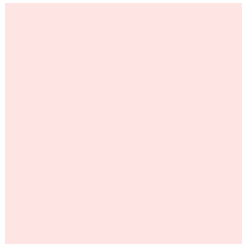
40.9968, 0.2245, 0.3282



3.9934, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 82.3482, 0.3316, 0.3291 looks on a white background.

Color Contrast Check

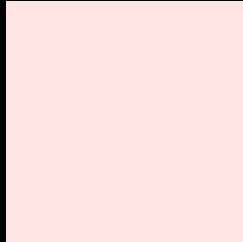
Large Text (above 18pt) WCAG AA × Fail

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 82.3482, 0.3316, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

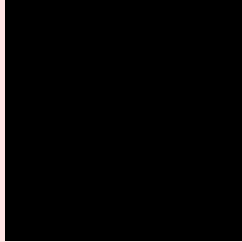
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

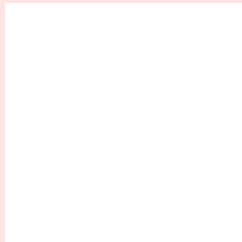
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3482, 0.3316, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 82.3482, 0.3316, 0.3291.

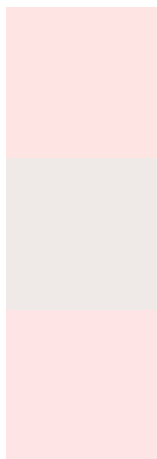


This preview shows how white text looks on a background with the Yxy color 82.3482, 0.3316, 0.3291.

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

82.3482, 0.3316, 0.3291

Protanopia

82.3981, 0.3180, 0.3311

Deuteranopia

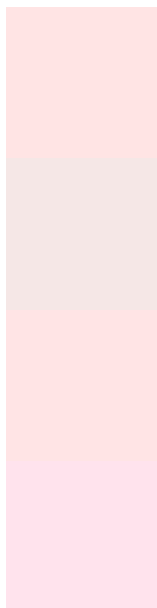
82.4039, 0.3309, 0.3281



Tritanopia

82.0635, 0.3225, 0.3133

Trichromacy



Original Color

82.3482, 0.3316, 0.3291

Protanomaly

82.2775, 0.3230, 0.3300

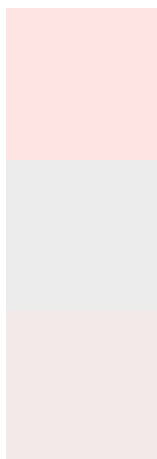
Deuteranomaly

82.4039, 0.3309, 0.3281

Tritanomaly

82.3126, 0.3257, 0.3192

Monochromacy



Original Color

82.3482, 0.3316, 0.3291

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.2157, 0.3195, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3482, 0.3316, 0.3291 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, 228)` looks like.

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

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, 228) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 82.3482, 0.3316, 0.3291 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, 228) }
```

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

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

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, 228)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 82.3482, 0.3316, 0.3291 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, 228) }
```

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

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

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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