

Converting Colors

$Y_{xy}(83.8327, 0.3329, 0.3293)$

Have a look what the booklet for
Yxy(83.8327, 0.3329, 0.3293)
contains.

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Color

Yxy(82.9558, 0.3308, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E5
RGB	255, 229, 229
RGB Percent	100%, 90%, 90%
CMY	0.0002, 0.1019, 0.1020
CMYK	0.00, 0.10, 0.10, 0.00
HSL	0°, 100%, 95%
HSV	0°, 10%, 100%
XYZ	83.3843, 82.9558, 85.7286
YIQ	236.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

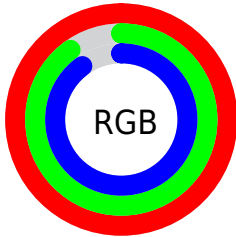
Format	Color
RYB	255, 229, 229
Decimal	16770533
CIELab	93.00, 8.84, 3.24
CIELCh	93, 9.420, 20.138
Yxy	82.9558, 0.3308, 0.3291
Android (android.graphics.Color)	4294960613 (0xFFFFE5E5)
YUV	236.7740, -3.8326, 15.9842
Hunter-Lab	91.0801, 4.0276, 7.9497

Details

The Yxy color **82.9558, 0.3308, 0.3291** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.3242, 0.2970, 0.3289**, and the grayscale version is **84.5234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3339, 0.3344, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **68.5718, 0.3531, 0.3292**, and if you desaturate by 10%, it is **99.6201, 0.3130, 0.3290**.

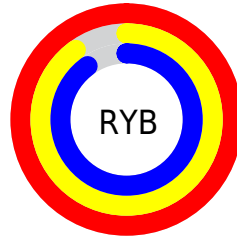
Distribution



Red (100%)

Green (90%)

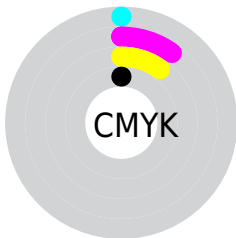
Blue (90%)



Red (100%)

Yellow (90%)

Blue (90%)

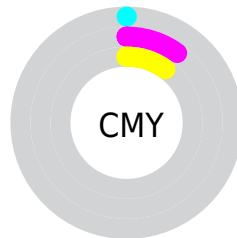


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9558, 0.3308, 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 82.9558, 0.3308, 0.3291 by changing the saturation by 10% instead.


 82.9558, 0.3308,
0.3291

 82.9558, 0.3308,
0.3291


504.8392, 0.3226,
0.3291

 62.1537, 0.3326,
0.3291


137.5136, 0.3280,
0.3291

 45.1569, 0.3349,
0.3291


172.0380, 0.3269,
0.3291

 31.5810, 0.3377,
0.3290


211.9053, 0.3259,
0.3291

 21.0417, 0.3414,
0.3289

257.4999, 0.3251,
0.3291

 13.1545, 0.3463,
0.3288

309.2062, 0.3244,
0.3291

 7.5350, 0.3532,
0.3286

367.4086, 0.3237,

 3.7989, 0.3638,

0.3291

432.4915, 0.3231,
0.3291

0.3282

■ 1.5617, 0.3817,
0.3271

■ 0.3316, 0.5327,
0.3326

■ 82.9558, 0.3308,
0.3291

■ 82.9558, 0.3308,
0.3291

■ 68.5718, 0.3531,
0.3292

99.6201, 0.3130,
0.3290

■ 56.3586, 0.3810,
0.3294

99.9896, 0.3127,
0.3290

■ 46.2142, 0.4155,
0.3295

■ 38.0241, 0.4567,
0.3297

■ 31.6625, 0.5034,
0.3298

■ 26.9894, 0.5518,
0.3300

■ 23.8441, 0.5950,
0.3301

■ 22.0351, 0.6254,
0.3301

■ 21.2603, 0.6400,
0.3300

Harmonies

Analogous

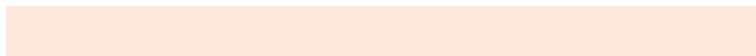
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9558, 0.3225, 0.3200



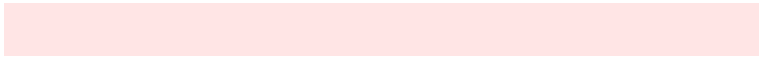
82.9558, 0.3308, 0.3291



82.9558, 0.3342, 0.3384

Triad

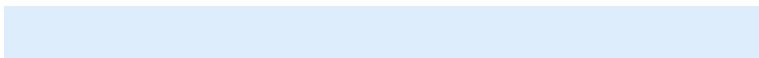
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9558, 0.3308, 0.3291



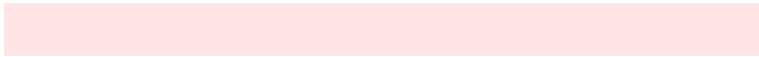
82.9558, 0.3134, 0.3455



82.9558, 0.2941, 0.3126

Complementary

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



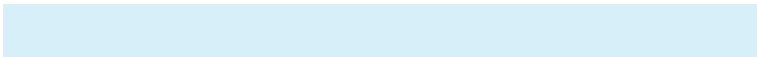
82.9558, 0.3308, 0.3291



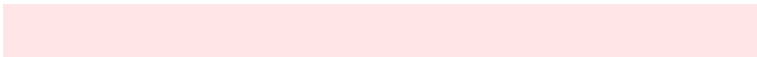
95.3242, 0.2970, 0.3289

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.



82.9558, 0.2918, 0.3191



82.9558, 0.3308, 0.3291



82.9558, 0.3028, 0.3383

Square

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



82.9558, 0.3308, 0.3291



82.9558, 0.3240, 0.3481



82.9558, 0.2949, 0.3285



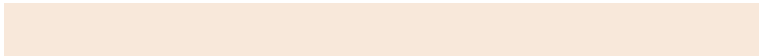
82.9558, 0.3013, 0.3105

Rectangle

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



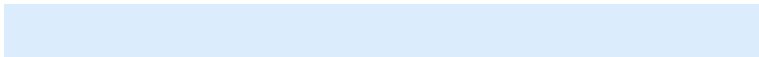
82.9558, 0.3308, 0.3291



82.9558, 0.3331, 0.3434



82.9558, 0.2949, 0.3285



82.9558, 0.2927, 0.3143

Sweetspot

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



82.9595, 0.3308, 0.3291



94.7418, 0.3176, 0.3290



84.4925, 0.3139, 0.3039



19.9855, 0.3190, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

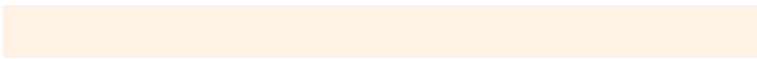
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9595, 0.3308, 0.3291



80.2218, 0.3345, 0.3291



90.3870, 0.3294, 0.3418



17.9927, 0.3295, 0.3291



11.1168, 0.6399, 0.3301



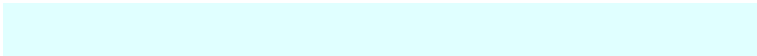
1.0843, 0.6396, 0.3303

Inverse Universe

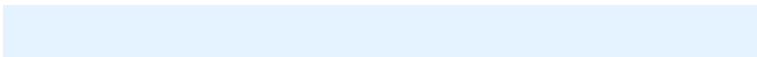
The Inverse Universe completely reimagines the original color for something new.



95.3242, 0.2970, 0.3289



94.6138, 0.2943, 0.3289



87.3523, 0.2968, 0.3159



20.4752, 0.2980, 0.3289



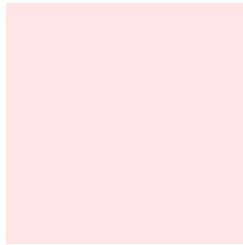
40.9832, 0.2245, 0.3282



3.9923, 0.2245, 0.3282

Previews

White Background



This preview shows how the Yxy color 82.9558, 0.3308, 0.3291 looks on a white background.

Color Contrast Check

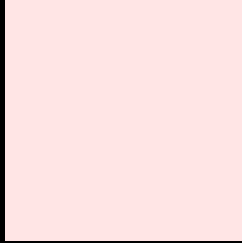
Large Text (above 18pt) WCAG AA × Fail

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 82.9558, 0.3308, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

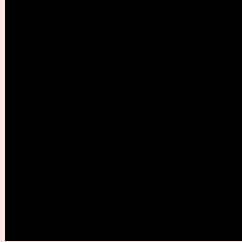
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

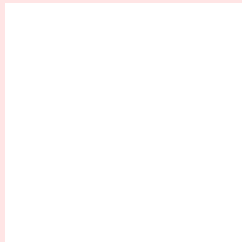
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9558, 0.3308, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 82.9558, 0.3308, 0.3291.

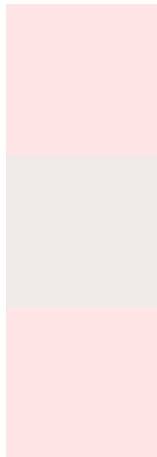


This preview shows how white text looks on a background with the Yxy color 82.9558, 0.3308, 0.3291.

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

82.9558, 0.3308, 0.3291

Protanopia

83.1971, 0.3180, 0.3311

Deuteranopia

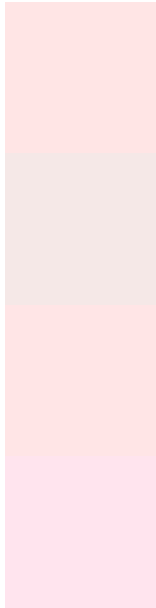
83.0118, 0.3302, 0.3281



Tritanopia

82.6692, 0.3217, 0.3133

Trichromacy



Original Color

82.9558, 0.3308, 0.3291

Protanomaly

82.8952, 0.3222, 0.3300

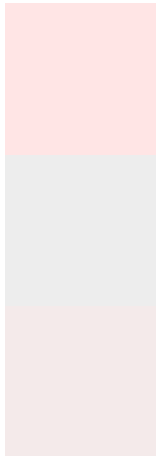
Deuteranomaly

83.0118, 0.3302, 0.3281

Tritanomaly

82.9199, 0.3250, 0.3192

Monochromacy



Original Color

82.9558, 0.3308, 0.3291

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.0192, 0.3195, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9558, 0.3308, 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, 229, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 229)  
}
```

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, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 229) }
```

Border

The CSS property to change the border of an element to Yxy 82.9558, 0.3308, 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, 229, 229) }
```

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

```
.border{ border-color:rgb(255, 229, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9558, 0.3308, 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, 229, 229) }
```

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

```
.background{ background-color: rgb(255,  
229, 229) }
```

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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