

Converting Colors

$Y_{xy}(82.7767, 0.3384, 0.3379)$

Have a look what the booklet for
Yxy(82.7767, 0.3384, 0.3379)
contains.

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Color

Yxy(82.4659, 0.3369, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5DC
RGB	255, 229, 220
RGB Percent	100%, 90%, 86%
CMY	0.0000, 0.1019, 0.1374
CMYK	0.00, 0.10, 0.14, 0.00
HSL	15°, 100%, 93%
HSV	15°, 14%, 100%
XYZ	82.1732, 82.4659, 79.2707
YIQ	235.7480, 18.3850, 2.7130

Conversions

Conversions Part 2

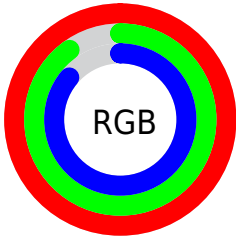
Format	Color
R _Y B	255, 232, 220
Decimal	16770524
CIE Lab	92.78, 7.44, 7.63
CIE LCh	93, 10.659, 45.719
Yxy	82.4659, 0.3369, 0.3381
Android (android.graphics.Color)	4294960604 (0xFFFFE5DC)
YUV	235.7480, -7.7638, 16.8840
Hunter-Lab	90.8107, 2.6031, 11.8120

Details

The Yxy color $82.4659, 0.3369, 0.3381$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.3133, 0.2914, 0.3197$, and the grayscale version is $83.7285, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.9945, 0.3423, 0.3406$ is the 20% darker color. If you saturate the color by 10%, you get $71.3155, 0.3587, 0.3452$, and if you desaturate by 10%, it is $94.9703, 0.3187, 0.3314$.

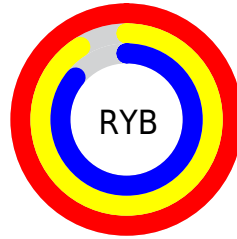
Distribution



Red (100%)

Green (90%)

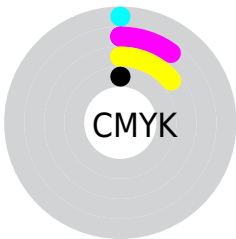
Blue (86%)



Red (100%)

Yellow (91%)

Blue (86%)

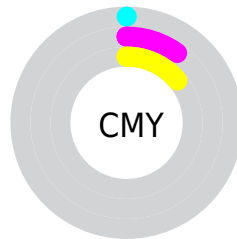


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4659, 0.3369, 0.3381 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 82.4659, 0.3369, 0.3381 by changing the saturation by 10% instead.


 82.4659, 0.3369,
0.3381

 82.4659, 0.3369,
0.3381


503.2048, 0.3259,
0.3341

 61.7496, 0.3394,
0.3390

136.8272, 0.3331,
0.3367

 44.8304, 0.3424,
0.3400


171.2409, 0.3316,
0.3362

 31.3239, 0.3462,
0.3413

210.9894, 0.3304,
0.3357

 20.8456, 0.3512,
0.3430

256.4568, 0.3292,
0.3353

 13.0112, 0.3578,
0.3451

308.0277, 0.3283,
0.3350

 7.4363, 0.3671,
0.3480

366.0864, 0.3274,

 3.7364, 0.3814,

0.3346

0.3521

431.0173, 0.3266,
0.3344

■ 1.5272, 0.4055,
0.3582

■ 0.3078, 0.6064,
0.3936

■ 82.4659, 0.3369,
0.3381

■ 82.4659, 0.3369,
0.3381

■ 71.3155, 0.3587,
0.3452

■ 94.9703, 0.3187,
0.3314

■ 61.4625, 0.3846,
0.3525

99.9999, 0.3127,
0.3290

■ 52.8621, 0.4151,
0.3595

■ 45.4630, 0.4499,
0.3655

■ 39.2101, 0.4882,
0.3697

■ 34.0438, 0.5276,
0.3708

■ 29.8986, 0.5646,
0.3679

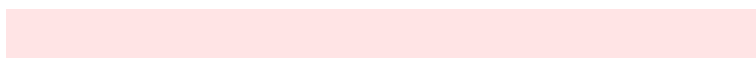
■ 26.7009, 0.5946,
0.3605

■ 25.1376, 0.6091,
0.3546

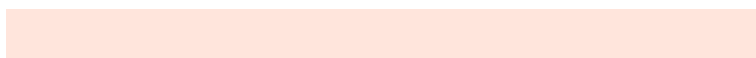
Harmonies

Analogous

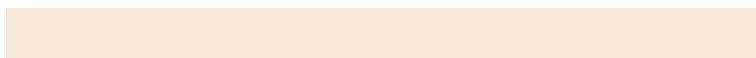
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4659, 0.3322, 0.3275



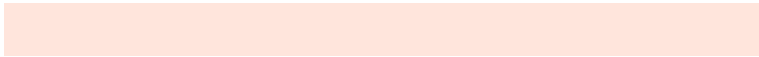
82.4659, 0.3369, 0.3381



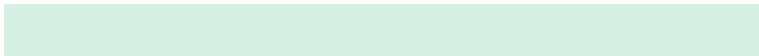
82.4659, 0.3350, 0.3466

Triad

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



82.4659, 0.3369, 0.3381



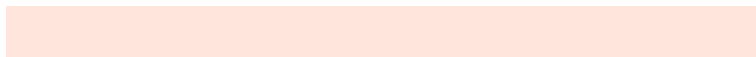
82.4659, 0.3031, 0.3410



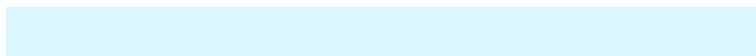
82.4659, 0.2983, 0.3081

Complementary

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



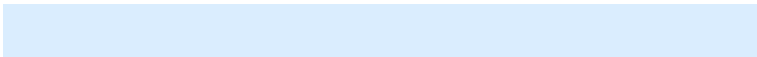
82.4659, 0.3369, 0.3381



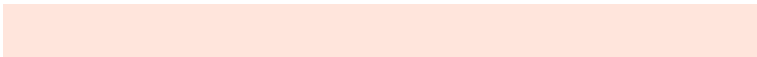
88.3133, 0.2914, 0.3197

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.



82.4659, 0.2908, 0.3112



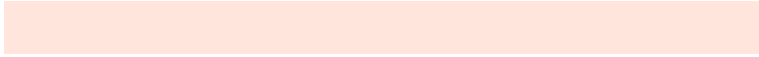
82.4659, 0.3369, 0.3381



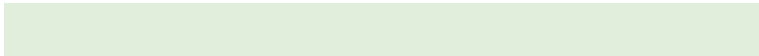
82.4659, 0.2936, 0.3301

Square

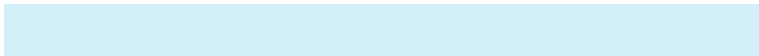
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4659, 0.3369, 0.3381



82.4659, 0.3154, 0.3485



82.4659, 0.2891, 0.3192



82.4659, 0.3097, 0.3104

Rectangle

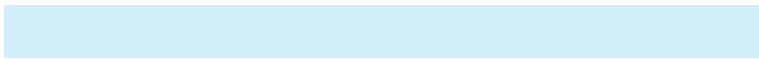
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4659, 0.3369, 0.3381



82.4659, 0.3303, 0.3498



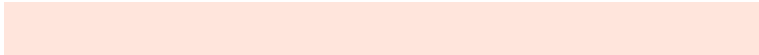
82.4659, 0.2891, 0.3192



82.4659, 0.2952, 0.3085

Sweetspot

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



82.4696, 0.3369, 0.3381



94.6274, 0.3191, 0.3316



79.0962, 0.3201, 0.3032



20.0432, 0.3204, 0.3320



0.0000, 0.0000, 0.0000



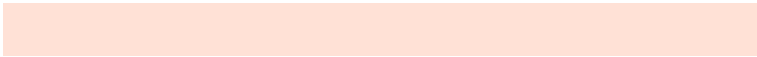
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4696, 0.3369, 0.3381



79.8322, 0.3415, 0.3397



92.4834, 0.3345, 0.3549



18.7493, 0.3288, 0.3352



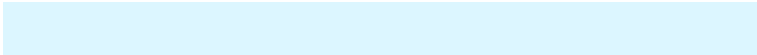
13.3373, 0.6063, 0.3568



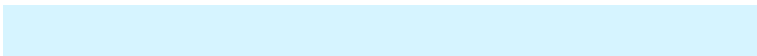
1.4660, 0.5845, 0.3741

Inverse Universe

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



88.3133, 0.2914, 0.3197



86.5282, 0.2879, 0.3181



78.3155, 0.2909, 0.3017



19.6408, 0.2980, 0.3227



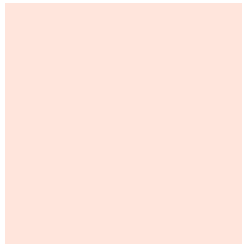
23.0800, 0.2008, 0.2428



2.4236, 0.2038, 0.2538

Previews

White Background



This preview shows how the Yxy color 82.4659, 0.3369, 0.3381 looks on a white background.

Color Contrast Check

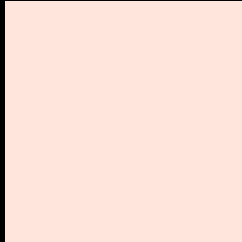
Large Text (above 18pt) WCAG AA × Fail

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 82.4659, 0.3369, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

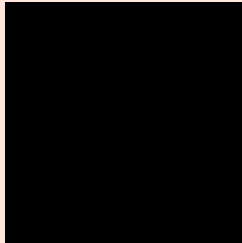
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

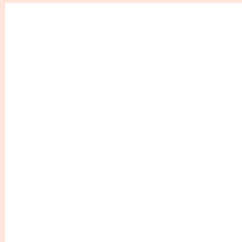
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4659, 0.3369, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 82.4659, 0.3369, 0.3381.

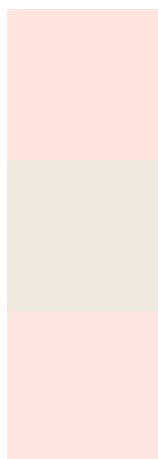


This preview shows how white text looks on a background with the Yxy color 82.4659, 0.3369, 0.3381.

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

82.4659, 0.3369, 0.3381

Protanopia

82.2525, 0.3252, 0.3403

Deuteranopia

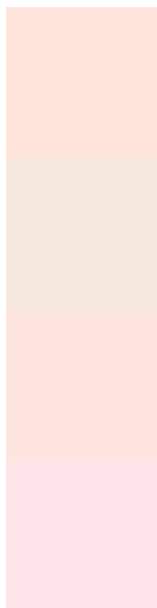
82.6804, 0.3342, 0.3340



Tritanopia

82.6090, 0.3224, 0.3143

Trichromacy



Original Color

82.4659, 0.3369, 0.3381

Protanomaly

82.5265, 0.3295, 0.3402

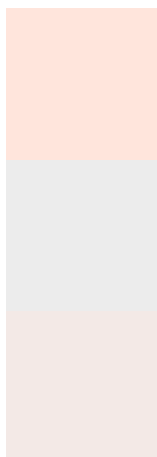
Deuteranomaly

82.6263, 0.3349, 0.3350

Tritanomaly

82.6873, 0.3276, 0.3231

Monochromacy



Original Color

82.4659, 0.3369, 0.3381

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.0457, 0.3214, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4659, 0.3369, 0.3381 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 220) }
```

Border

The CSS property to change the border of an element to Yxy 82.4659, 0.3369, 0.3381 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, 220) }
```

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

```
.border{ border-color:rgb(255, 229, 220) }
```

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, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4659, 0.3369, 0.3381 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
229, 220) }
```

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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