

Converting Colors

$Y_{xy}(90.0462, 0.3700, 0.3439)$

Have a look what the booklet for
Yxy(90.0462, 0.3700, 0.3439)
contains.

Yxy(82.1027, 0.3416, 0.3451)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.1027, 0.3416, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5D5
RGB	255, 229, 213
RGB Percent	100%, 90%, 84%
CMY	0.0000, 0.1019, 0.1646
CMYK	0.00, 0.10, 0.16, 0.00
HSL	23°, 100%, 92%
HSV	23°, 16%, 100%
XYZ	81.2700, 82.1027, 74.5372
YIQ	234.9500, 20.6320, 0.5360

Conversions

Conversions Part 2

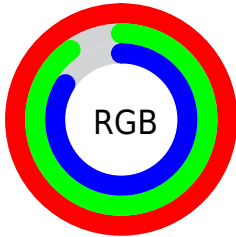
Format	Color
R _Y B	255, 239, 213
Decimal	16770517
CIE Lab	92.62, 6.38, 11.01
CIE LCh	93, 12.725, 59.910
Yxy	82.1027, 0.3416, 0.3451
Android (android.graphics.Color)	4294960597 (0xFFFFE5D5)
YUV	234.9500, -10.8214, 17.5838
Hunter-Lab	90.6105, 1.5310, 14.6548

Details

The Yxy color $82.1027, 0.3416, 0.3451$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.1147, 0.2870, 0.3123$, and the grayscale version is $83.1129, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.7465, 0.3485, 0.3496$ is the 20% darker color. If you saturate the color by 10%, you get $72.5656, 0.3631, 0.3556$, and if you desaturate by 10%, it is $92.6457, 0.3232, 0.3351$.

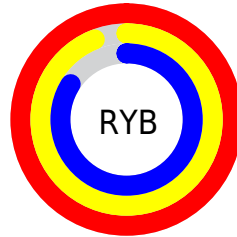
Distribution



Red (100%)

Green (90%)

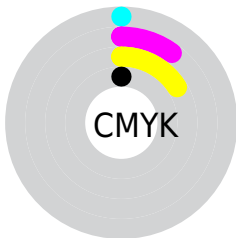
Blue (84%)



Red (100%)

Yellow (94%)

Blue (84%)

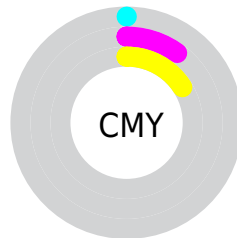


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1027, 0.3416, 0.3451 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 82.1027, 0.3416, 0.3451 by changing the saturation by 10% instead.


 82.1027, 0.3416,
0.3451

 82.1027, 0.3416,
0.3451


501.9912, 0.3284,
0.3379

 61.4502, 0.3446,
0.3467


136.3180, 0.3371,
0.3427

 44.5886, 0.3482,
0.3486


170.6496, 0.3353,
0.3417

 31.1335, 0.3527,
0.3509


210.3097, 0.3338,
0.3409

 20.7005, 0.3586,
0.3539

255.6826, 0.3324,
0.3402

 12.9053, 0.3665,
0.3578

307.1529, 0.3313,
0.3395

 7.3633, 0.3777,
0.3632

365.1048, 0.3302,

 3.6904, 0.3945,

0.3389

0.3708

429.9227, 0.3293,
0.3384

■ 1.5019, 0.4243,
0.3837

■ 0.2901, 0.5980,
0.4020

■ 82.1027, 0.3416,
0.3451

■ 82.1027, 0.3416,
0.3451

■ 72.5656, 0.3631,
0.3556

■ 92.6457, 0.3232,
0.3351

■ 63.9929, 0.3880,
0.3661

99.9981, 0.3127,
0.3290

■ 56.3559, 0.4163,
0.3762

■ 49.6206, 0.4477,
0.3849

■ 43.7503, 0.4810,
0.3911

■ 38.7056, 0.5143,
0.3933

■ 34.4430, 0.5451,
0.3906

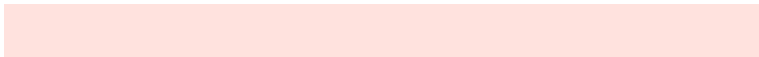
■ 30.9131, 0.5705,
0.3825

■ 29.8205, 0.5784,
0.3789

Harmonies

Analogous

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



82.1027, 0.3396, 0.3332



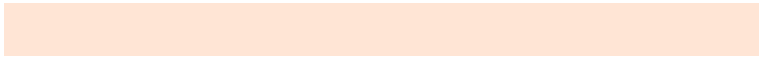
82.1027, 0.3416, 0.3451



82.1027, 0.3356, 0.3531

Triad

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



82.1027, 0.3416, 0.3451



82.1027, 0.2953, 0.3374



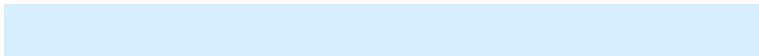
82.1027, 0.3015, 0.3047

Complementary

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



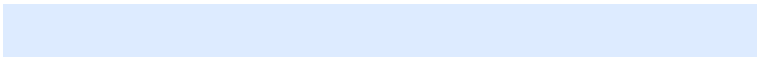
82.1027, 0.3416, 0.3451



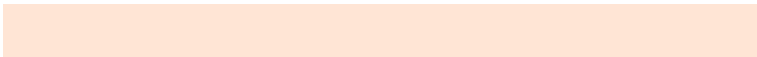
83.1147, 0.2870, 0.3123

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.



82.1027, 0.2900, 0.3052



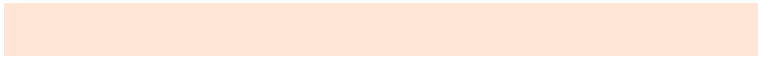
82.1027, 0.3416, 0.3451



82.1027, 0.2865, 0.3238

Square

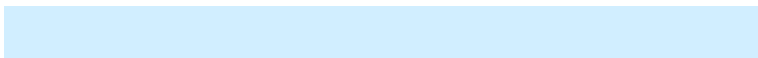
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1027, 0.3416, 0.3451



82.1027, 0.3088, 0.3489



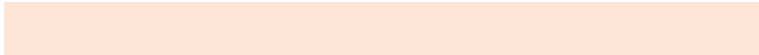
82.1027, 0.2846, 0.3121



82.1027, 0.3162, 0.3103

Rectangle

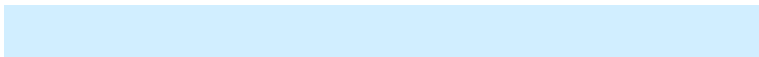
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1027, 0.3416, 0.3451



82.1027, 0.3281, 0.3549



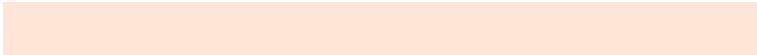
82.1027, 0.2846, 0.3121



82.1027, 0.2972, 0.3041

Sweetspot

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



82.1064, 0.3416, 0.3451



94.2708, 0.3207, 0.3337



75.1323, 0.3251, 0.3027



20.0099, 0.3219, 0.3344



0.0000, 0.0000, 0.0000



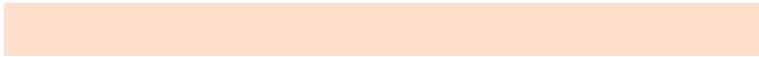
21.4041, 0.3127, 0.3290

Same Dimension

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



82.1064, 0.3416, 0.3451



78.6169, 0.3489, 0.3488



94.0605, 0.3384, 0.3648



19.1204, 0.3285, 0.3381



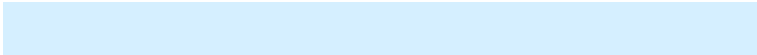
15.8484, 0.5754, 0.3813



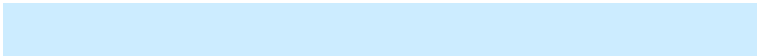
1.7460, 0.5542, 0.3982

Inverse Universe

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



83.1147, 0.2870, 0.3123



79.8097, 0.2814, 0.3084



71.8406, 0.2860, 0.2905



19.2516, 0.2979, 0.3197



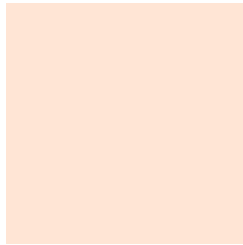
16.8344, 0.1886, 0.1989



1.8502, 0.1932, 0.2153

Previews

White Background



This preview shows how the Yxy color 82.1027, 0.3416, 0.3451 looks on a white background.

Color Contrast Check

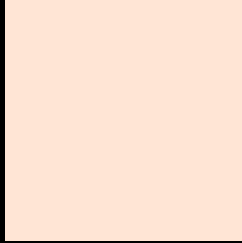
Large Text (above 18pt) WCAG AA × Fail

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 82.1027, 0.3416, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

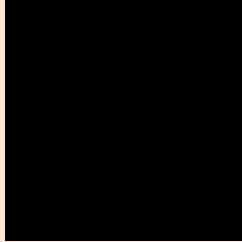
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1027, 0.3416, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 82.1027, 0.3416, 0.3451.

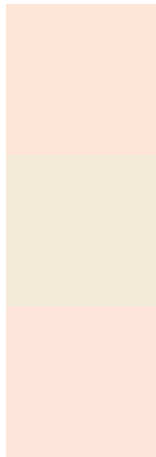


This preview shows how white text looks on a background with the Yxy color 82.1027, 0.3416, 0.3451.

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

82.1027, 0.3416, 0.3451

Protanopia

82.2388, 0.3312, 0.3475

Deuteranopia

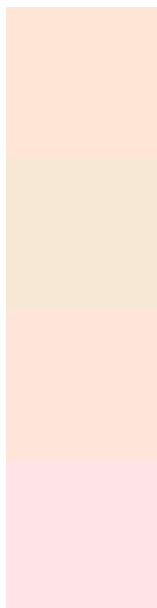
81.9141, 0.3370, 0.3371



Tritanopia

82.0036, 0.3231, 0.3143

Trichromacy



Original Color

82.1027, 0.3416, 0.3451

Protanomaly

82.3424, 0.3348, 0.3474

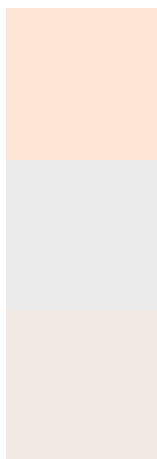
Deuteranomaly

81.7566, 0.3391, 0.3401

Tritanomaly

81.9677, 0.3297, 0.3251

Monochromacy



Original Color

82.1027, 0.3416, 0.3451

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7011, 0.3227, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1027, 0.3416, 0.3451 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 213) }
```

Border

The CSS property to change the border of an element to Yxy 82.1027, 0.3416, 0.3451 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, 213) }
```

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

```
.border{ border-color:rgb(255, 229, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1027, 0.3416, 0.3451 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
229, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor