

Converting Colors

$Y_{xy}(100.1477, 0.3945, 0.3407)$

Have a look what the booklet for
Yxy(100.1477, 0.3945, 0.3407)
contains.

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Color

Yxy(82.2049, 0.3403, 0.3431)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFE5D7 |
| RGB | 255, 229, 215 |
| RGB Percent | 100%, 90%, 84% |
| CMY | 0.0000, 0.1020, 0.1569 |
| CMYK | 0.00, 0.10, 0.16, 0.00 |
| HSL | 21°, 100%, 92% |
| HSV | 21°, 16%, 100% |
| XYZ | 81.5340, 82.2049, 75.8556 |
| YIQ | 235.1780, 19.9900, 1.1580 |

Conversions

Conversions Part 2

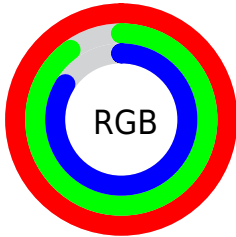
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 255, 237, 215 |
| Decimal | 16770519 |
| CIELab | 92.67, 6.70, 10.05 |
| CIELCh | 93, 12.082, 56.326 |
| Yxy | 82.2049, 0.3403, 0.3431 |
| Android (android.graphics.Color) | 4294960599 (0xFFFFE5D7) |
| YUV | 235.1780, -9.9478, 17.3839 |
| Hunter-Lab | 90.6669, 1.8526, 13.8624 |

Details

The Yxy color **82.2049, 0.3403, 0.3431** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5775, 0.2883, 0.3145**, and the grayscale version is **83.2824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8159, 0.3467, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **72.2520, 0.3619, 0.3527**, and if you desaturate by 10%, it is **93.2317, 0.3219, 0.3339**.

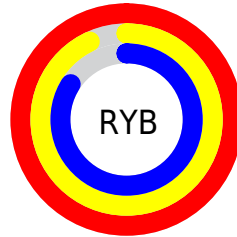
Distribution



Red (100%)

Green (90%)

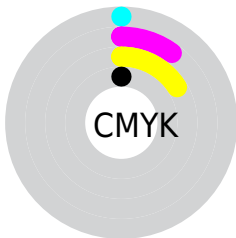
Blue (84%)



Red (100%)

Yellow (93%)

Blue (84%)

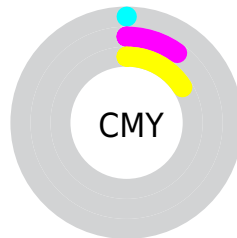


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2049, 0.3403, 0.3431 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 82.2049, 0.3403, 0.3431 by changing the saturation by 10% instead.

 82.2049, 0.3403,
0.3431

 82.2049, 0.3403,
0.3431


502.3328, 0.3277,
0.3368

 61.5344, 0.3431,
0.3445


136.4613, 0.3360,
0.3410

 44.6566, 0.3466,
0.3461


170.8160, 0.3343,
0.3401

 31.1870, 0.3509,
0.3482


210.5010, 0.3328,
0.3394

 20.7413, 0.3566,
0.3508

255.9006, 0.3316,
0.3388

 12.9350, 0.3641,
0.3542

307.3991, 0.3304,
0.3382

 7.3838, 0.3748,
0.3588

365.3811, 0.3294,

 3.7033, 0.3909,

0.3377

0.3654

430.2309, 0.3285,
0.3373

■ 1.5090, 0.4187,
0.3760

■ 0.2951, 0.6008,
0.3992

■ 82.2049, 0.3403,
0.3431

■ 82.2049, 0.3403,
0.3431

■ 72.2520, 0.3619,
0.3527

■ 93.2317, 0.3219,
0.3339

■ 63.3486, 0.3870,
0.3625

100.0000, 0.3127,
0.3290

■ 55.4559, 0.4159,
0.3718

■ 48.5360, 0.4482,
0.3799

■ 42.5485, 0.4828,
0.3856

■ 37.4497, 0.5178,
0.3876

■ 33.1915, 0.5502,
0.3847

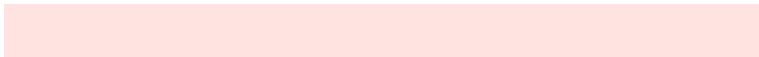
■ 29.7198, 0.5770,
0.3767

■ 28.4438, 0.5868,
0.3723

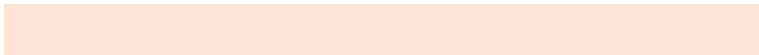
Harmonies

Analogous

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



82.2049, 0.3375, 0.3316



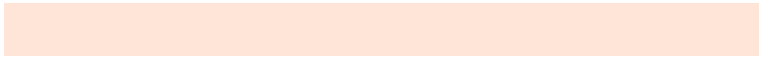
82.2049, 0.3403, 0.3431



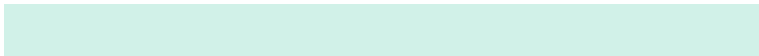
82.2049, 0.3355, 0.3512

Triad

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



82.2049, 0.3403, 0.3431



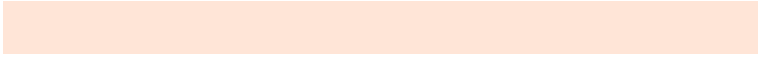
82.2049, 0.2975, 0.3385



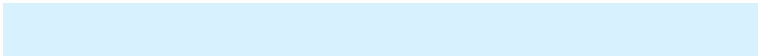
82.2049, 0.3005, 0.3056

Complementary

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



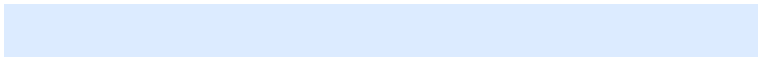
82.2049, 0.3403, 0.3431



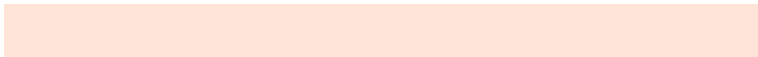
84.5775, 0.2883, 0.3145

Split Complementary

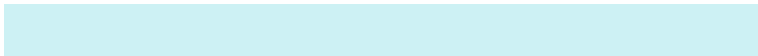
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2049, 0.2902, 0.3069



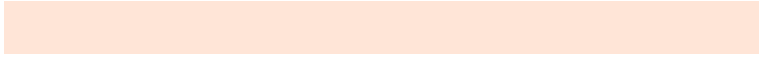
82.2049, 0.3403, 0.3431



82.2049, 0.2885, 0.3256

Square

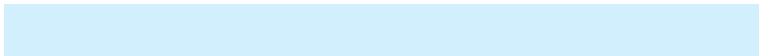
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2049, 0.3403, 0.3431



82.2049, 0.3107, 0.3488



82.2049, 0.2859, 0.3141



82.2049, 0.3143, 0.3103

Rectangle

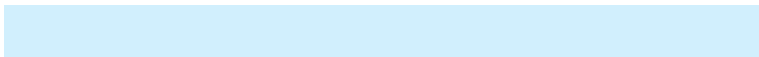
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2049, 0.3403, 0.3431



82.2049, 0.3287, 0.3535



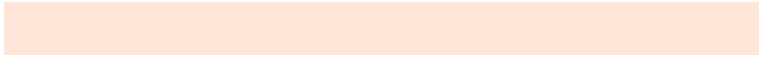
82.2049, 0.2859, 0.3141



82.2049, 0.2966, 0.3053

Sweetspot

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



82.2017, 0.3403, 0.3431



94.0312, 0.3207, 0.3333



76.2493, 0.3236, 0.3027



19.9518, 0.3219, 0.3340



0.0000, 0.0000, 0.0000



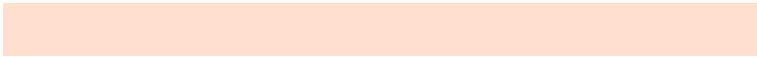
21.4041, 0.3127, 0.3290

Same Dimension

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



82.2017, 0.3403, 0.3431



78.7884, 0.3470, 0.3463



93.5056, 0.3373, 0.3618



19.0267, 0.3286, 0.3374



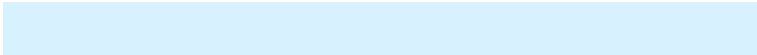
15.1143, 0.5838, 0.3747



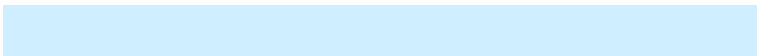
1.6673, 0.5620, 0.3919

Inverse Universe

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



84.5775, 0.2883, 0.3145



81.5962, 0.2831, 0.3111



73.7301, 0.2874, 0.2939



19.3487, 0.2980, 0.3205



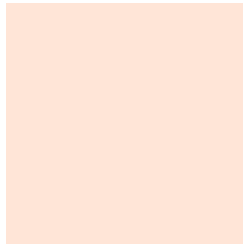
18.2693, 0.1917, 0.2099



1.9839, 0.1959, 0.2250

Previews

White Background



This preview shows how the Yxy color 82.2049, 0.3403, 0.3431 looks on a white background.

Color Contrast Check

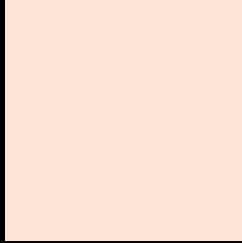
Large Text (above 18pt) WCAG AA × Fail

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 82.2049, 0.3403, 0.3431 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 82.2049, 0.3403, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 82.2049, 0.3403, 0.3431.

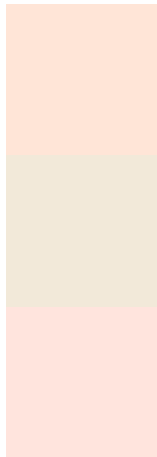


This preview shows how white text looks on a background with the Yxy color 82.2049, 0.3403, 0.3431.

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

82.2049, 0.3403, 0.3431

Protanopia

82.1648, 0.3292, 0.3455

Deuteranopia

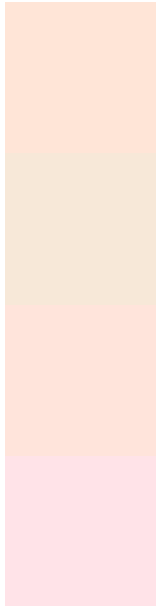
81.9673, 0.3363, 0.3361



Tritanopia

82.0036, 0.3231, 0.3143

Trichromacy



Original Color

82.2049, 0.3403, 0.3431

Protanomaly

82.4453, 0.3335, 0.3453

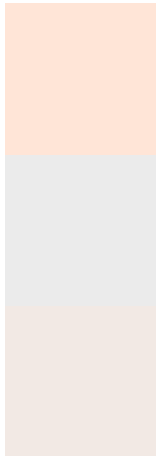
Deuteranomaly

81.8613, 0.3377, 0.3381

Tritanomaly

82.0244, 0.3290, 0.3241

Monochromacy



Original Color

82.2049, 0.3403, 0.3431

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7565, 0.3220, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2049, 0.3403, 0.3431 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 215) }
```

Border

The CSS property to change the border of an element to Yxy 82.2049, 0.3403, 0.3431 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, 215) }
```

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

```
.border{ border-color:rgb(255, 229, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
215) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 82.2049, 0.3403, 0.3431$ 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
229, 215) }
```

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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