

Converting Colors

$Y_{xy}(82.1472, 0.3350, 0.3342)$

Have a look what the booklet for
Yxy(82.1472, 0.3350, 0.3342)
contains.

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Color

Yxy(82.0745, 0.3350, 0.3341)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFE4DF |
| RGB | 255, 228, 223 |
| RGB Percent | 100%, 89%, 87% |
| CMY | 0.0000, 0.1058, 0.1256 |
| CMYK | 0.00, 0.11, 0.13, 0.00 |
| HSL | 9°, 100%, 94% |
| HSV | 9°, 13%, 100% |
| XYZ | 82.2956, 82.0745, 81.2884 |
| YIQ | 235.5030, 17.6970, 4.1690 |

Conversions

Conversions Part 2

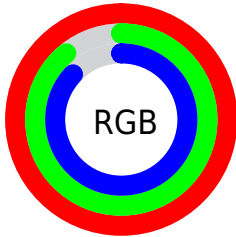
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 229, 223 |
| Decimal | 16770271 |
| CIE Lab | 92.61, 8.42, 5.82 |
| CIE LCh | 93, 10.237, 34.649 |
| Yxy | 82.0745, 0.3350, 0.3341 |
| Android (android.graphics.Color) | 4294960351 (0xFFFFE4DF) |
| YUV | 235.5030, -6.1640, 17.0989 |
| Hunter-Lab | 90.5950, 3.6064, 10.2172 |

Details

The Yxy color **82.0745, 0.3350, 0.3341** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.2347, 0.2933, 0.3238**, and the grayscale version is **83.5188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7201, 0.3398, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **69.7120, 0.3572, 0.3385**, and if you desaturate by 10%, it is **96.1194, 0.3168, 0.3300**.

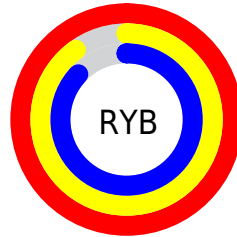
Distribution



Red (100%)

Green (89%)

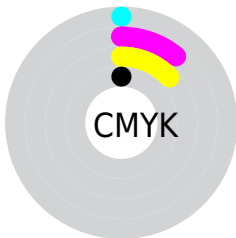
Blue (87%)



Red (100%)

Yellow (90%)

Blue (87%)

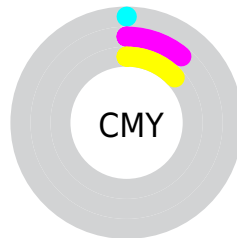


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0745, 0.3350, 0.3341 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 82.0745, 0.3350, 0.3341 by changing the saturation by 10% instead.


 82.0745, 0.3350,
0.3341

 82.0745, 0.3350,
0.3341


501.8969, 0.3249,
0.3319

 61.4269, 0.3373,
0.3346

136.2785, 0.3315,
0.3334

 44.5698, 0.3401,
0.3351


170.6037, 0.3301,
0.3331

 31.1187, 0.3436,
0.3358

210.2569, 0.3290,
0.3328

 20.6893, 0.3482,
0.3367

255.6225, 0.3279,
0.3326

 12.8971, 0.3543,
0.3378

307.0849, 0.3270,
0.3324

 7.3577, 0.3630,
0.3393

365.0285, 0.3262,

 3.6868, 0.3762,

0.3322

0.3413

429.8377, 0.3255,
0.3320

■ 1.4999, 0.3988,
0.3441

■ 0.2887, 0.6244,
0.3756

■ 82.0745, 0.3350,
0.3341

■ 82.0745, 0.3350,
0.3341

■ 69.7120, 0.3572,
0.3385

■ 96.1194, 0.3168,
0.3300

■ 58.9580, 0.3842,
0.3430

99.9983, 0.3127,
0.3290

■ 49.7495, 0.4165,
0.3473

■ 42.0150, 0.4542,
0.3510

■ 35.6773, 0.4963,
0.3533

■ 30.6521, 0.5399,
0.3535

■ 26.8460, 0.5803,
0.3508

■ 24.1525, 0.6115,
0.3453

■ 22.7906, 0.6271,
0.3403

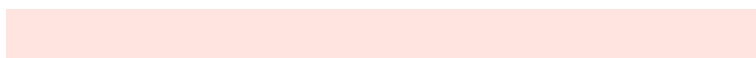
Harmonies

Analogous

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



82.0745, 0.3283, 0.3238



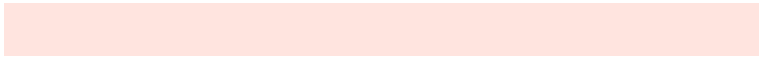
82.0745, 0.3350, 0.3341



82.0745, 0.3356, 0.3433

Triad

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



82.0745, 0.3350, 0.3341



82.0745, 0.3077, 0.3437



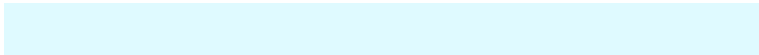
82.0745, 0.2956, 0.3094

Complementary

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



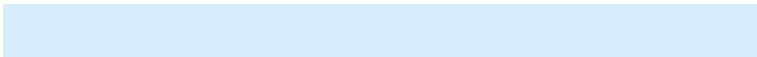
82.0745, 0.3350, 0.3341



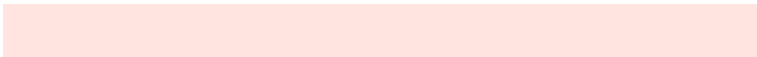
91.2347, 0.2933, 0.3238

Split Complementary

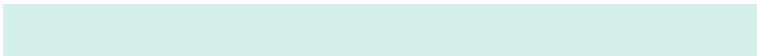
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0745, 0.2904, 0.3142



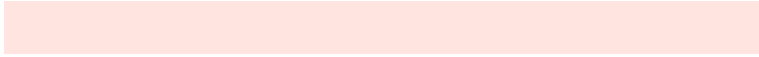
82.0745, 0.3350, 0.3341



82.0745, 0.2972, 0.3341

Square

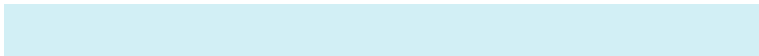
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0745, 0.3350, 0.3341



82.0745, 0.3197, 0.3492



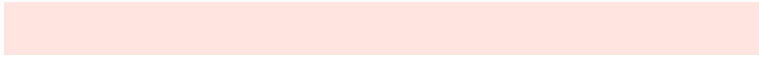
82.0745, 0.2909, 0.3232



82.0745, 0.3055, 0.3097

Rectangle

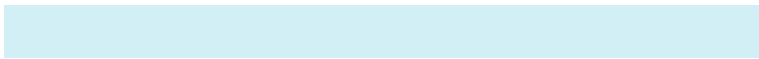
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



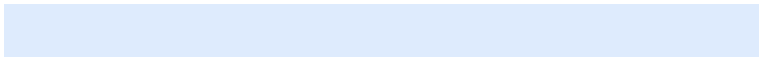
82.0745, 0.3350, 0.3341



82.0745, 0.3324, 0.3476



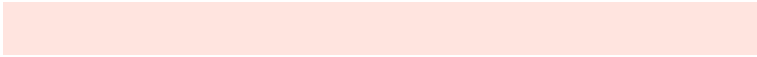
82.0745, 0.2909, 0.3232



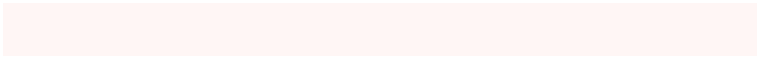
82.0745, 0.2933, 0.3104

Sweetspot

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



82.0781, 0.3350, 0.3341



94.0009, 0.3192, 0.3306



80.9270, 0.3173, 0.3025



19.8852, 0.3205, 0.3309



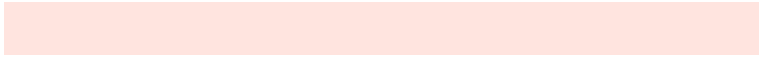
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.0781, 0.3350, 0.3341



78.9162, 0.3400, 0.3351



91.1533, 0.3330, 0.3495



18.4495, 0.3291, 0.3328



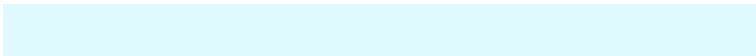
12.0457, 0.6250, 0.3419



1.2999, 0.6061, 0.3569

Inverse Universe

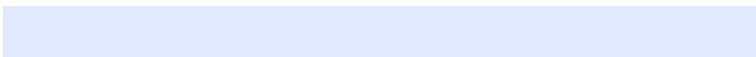
The Inverse Universe completely reimagines the original color for something new.



91.2347, 0.2933, 0.3238



89.6644, 0.2896, 0.3228



81.8449, 0.2929, 0.3076



19.9646, 0.2980, 0.3252



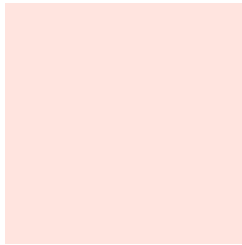
29.2922, 0.2105, 0.2779



2.9774, 0.2123, 0.2843

Previews

White Background



This preview shows how the Yxy color 82.0745, 0.3350, 0.3341 looks on a white background.

Color Contrast Check

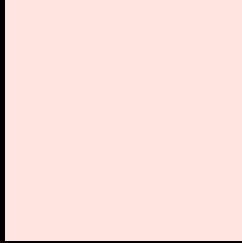
Large Text (above 18pt) WCAG AA × Fail

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 82.0745, 0.3350, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

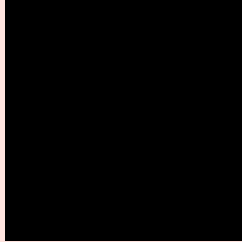
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

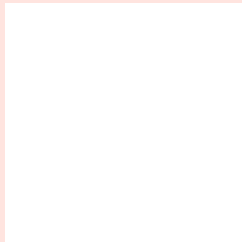
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0745, 0.3350, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 82.0745, 0.3350, 0.3341.

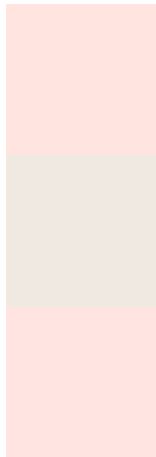


This preview shows how white text looks on a background with the Yxy color 82.0745, 0.3350, 0.3341.

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

82.0745, 0.3350, 0.3341

Protanopia

82.2941, 0.3219, 0.3362

Deuteranopia

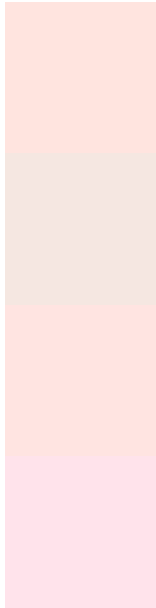
82.2378, 0.3330, 0.3311



Tritanopia

82.0635, 0.3225, 0.3133

Trichromacy



Original Color

82.0745, 0.3350, 0.3341

Protanomaly

82.0005, 0.3262, 0.3351

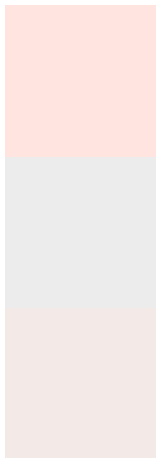
Deuteranomaly

82.1830, 0.3336, 0.3321

Tritanomaly

82.1963, 0.3270, 0.3211

Monochromacy



Original Color

82.0745, 0.3350, 0.3341

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.1020, 0.3208, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0745, 0.3350, 0.3341 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 223) }
```

Border

The CSS property to change the border of an element to Yxy 82.0745, 0.3350, 0.3341 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, 223) }
```

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

```
.border{ border-color:rgb(255, 228, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0745, 0.3350, 0.3341 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
228, 223) }
```

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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