

Converting Colors

$Yxy(82.4344, 0.3340, 0.3348)$

Have a look what the booklet for
Yxy(82.4344, 0.3340, 0.3348)
contains.

Yxy(82.4372, 0.3341, 0.3351)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.4372, 0.3341, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	FEE5DF
RGB	254, 229, 223
RGB Percent	100%, 90%, 87%
CMY	0.0042, 0.1018, 0.1256
CMYK	0.00, 0.10, 0.12, 0.00
HSL	12°, 94%, 94%
HSV	12°, 12%, 100%
XYZ	82.1912, 82.4372, 81.3794
YIQ	235.7910, 16.8260, 3.4340

Conversions

Conversions Part 2

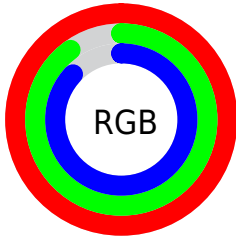
Format	Color
R_{YB}	254, 230, 223
Decimal	16704991
CIE Lab	92.77, 7.53, 6.03
CIE LCh	93, 9.647, 38.674
Yxy	82.4372, 0.3341, 0.3351
Android (android.graphics.Color)	4294895071 (0xFFFE5DF)
YUV	235.7910, -6.3060, 15.9693
Hunter-Lab	90.7949, 2.6942, 10.4149

Details

The Yxy color $82.4372, 0.3341, 0.3351$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $89.9011, 0.2939, 0.3228$, and the grayscale version is $83.7483, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.9696, 0.3387, 0.3367$ is the 20% darker color. If you saturate the color by 10%, you get $70.5213, 0.3558, 0.3405$, and if you desaturate by 10%, it is $95.8966, 0.3162, 0.3301$.

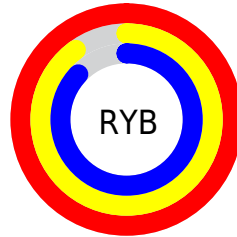
Distribution



Red (100%)

Green (90%)

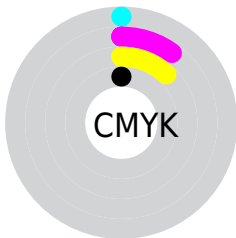
Blue (87%)



Red (100%)

Yellow (90%)

Blue (87%)

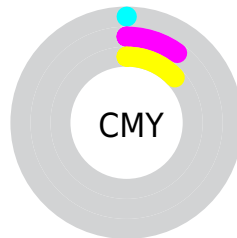


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4372, 0.3341, 0.3351 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 82.4372, 0.3341, 0.3351 by changing the saturation by 10% instead.


 82.4372, 0.3341,
0.3351

 82.4372, 0.3341,
0.3351

503.1089, 0.3244,
0.3324

 61.7260, 0.3363,
0.3357

136.7869, 0.3308,
0.3342

 44.8113, 0.3390,
0.3364


171.1942, 0.3294,
0.3338

 31.3088, 0.3423,
0.3372

210.9357, 0.3283,
0.3335

 20.8341, 0.3467,
0.3383

256.3957, 0.3273,
0.3333

 13.0028, 0.3526,
0.3397

307.9586, 0.3265,
0.3330

 7.4305, 0.3608,
0.3416

366.0089, 0.3257,

 3.7327, 0.3735,

0.3328

0.3442

430.9308, 0.3250,
0.3326

■ 1.5252, 0.3949,
0.3481

■ 0.3064, 0.6079,
0.3921

■ 82.4372, 0.3341,
0.3351

■ 82.4372, 0.3341,
0.3351

■ 70.5213, 0.3558,
0.3405

■ 95.8966, 0.3162,
0.3301

■ 60.0827, 0.3820,
0.3460

99.7981, 0.3121,
0.3290

■ 51.0668, 0.4132,
0.3514

■ 43.4113, 0.4495,
0.3560

■ 37.0492, 0.4899,
0.3592

■ 31.9078, 0.5321,
0.3599

■ 27.9068, 0.5718,
0.3573

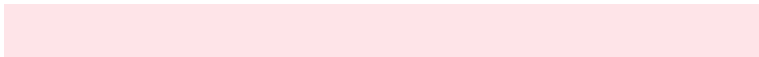
■ 24.9556, 0.6036,
0.3512

■ 23.3069, 0.6212,
0.3449

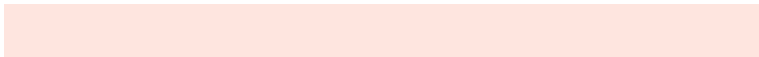
Harmonies

Analogous

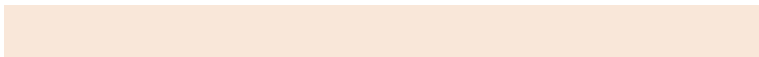
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4372, 0.3285, 0.3254



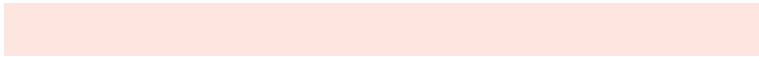
82.4372, 0.3341, 0.3351



82.4372, 0.3338, 0.3434

Triad

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



82.4372, 0.3341, 0.3351



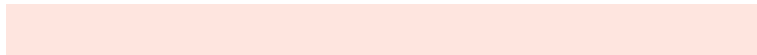
82.4372, 0.3065, 0.3418



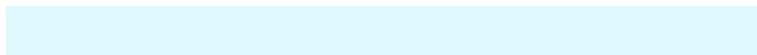
82.4372, 0.2977, 0.3103

Complementary

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



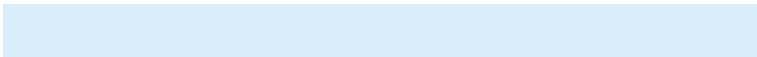
82.4372, 0.3341, 0.3351



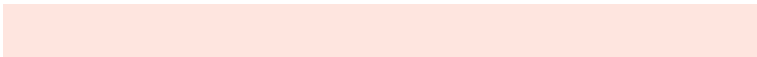
89.9011, 0.2939, 0.3228

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.



82.4372, 0.2920, 0.3142



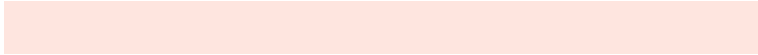
82.4372, 0.3341, 0.3351



82.4372, 0.2971, 0.3324

Square

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



82.4372, 0.3341, 0.3351



82.4372, 0.3178, 0.3476



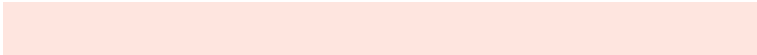
82.4372, 0.2918, 0.3223



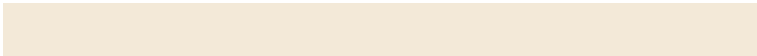
82.4372, 0.3074, 0.3112

Rectangle

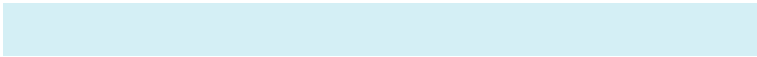
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



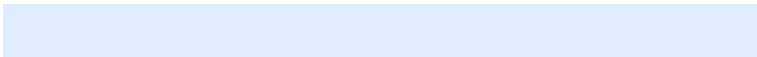
82.4372, 0.3341, 0.3351



82.4372, 0.3304, 0.3471



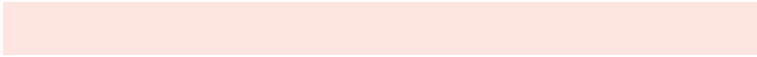
82.4372, 0.2918, 0.3223



82.4372, 0.2952, 0.3111

Sweetspot

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



82.4409, 0.3341, 0.3351



94.2354, 0.3192, 0.3309



80.6182, 0.3178, 0.3043



19.9443, 0.3205, 0.3313



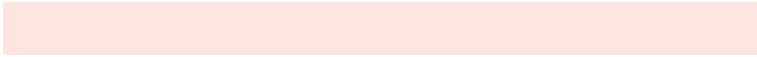
0.0000, 0.0000, 0.0000



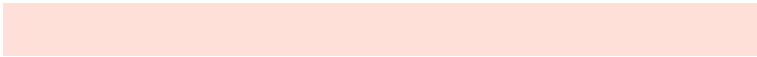
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4409, 0.3341, 0.3351



79.6886, 0.3398, 0.3366



91.1660, 0.3322, 0.3499



18.5615, 0.3290, 0.3337



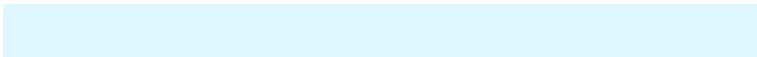
12.4551, 0.6188, 0.3468



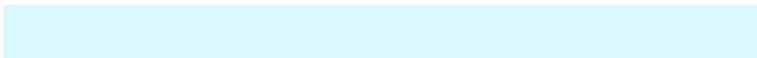
1.3558, 0.5985, 0.3630

Inverse Universe

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



89.9011, 0.2939, 0.3228



88.7771, 0.2896, 0.3213



80.9926, 0.2935, 0.3072



19.8427, 0.2980, 0.3242



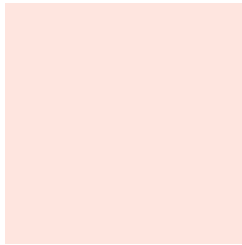
26.8441, 0.2069, 0.2649



2.7607, 0.2092, 0.2731

Previews

White Background



This preview shows how the Yxy color 82.4372, 0.3341, 0.3351 looks on a white background.

Color Contrast Check

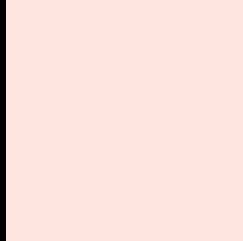
Large Text (above 18pt) WCAG AA × Fail

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 82.4372, 0.3341, 0.3351 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

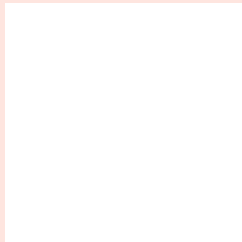
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4372, 0.3341, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 82.4372, 0.3341, 0.3351.

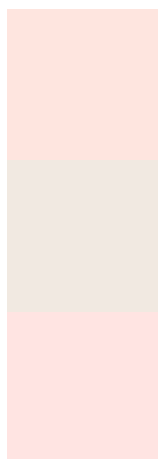


This preview shows how white text looks on a background with the Yxy color 82.4372, 0.3341, 0.3351.

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

82.4372, 0.3341, 0.3351

Protanopia

82.4148, 0.3233, 0.3372

Deuteranopia

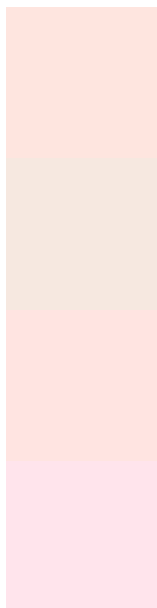
82.2378, 0.3330, 0.3311



Tritanopia

82.6692, 0.3217, 0.3133

Trichromacy



Original Color

82.4372, 0.3341, 0.3351

Protanomaly

82.6879, 0.3275, 0.3372

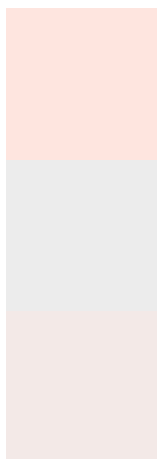
Deuteranomaly

82.1830, 0.3336, 0.3321

Tritanomaly

82.8029, 0.3263, 0.3212

Monochromacy



Original Color

82.4372, 0.3341, 0.3351

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 82.4372, 0.3341, 0.3351 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(254, 229, 223)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 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(254, 229, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 223) }
```

Border

The CSS property to change the border of an element to Yxy 82.4372, 0.3341, 0.3351 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(254, 229, 223) }
```

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

```
.border{ border-color:rgb(254, 229, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 229, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 229, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 229, 223); box-shadow:4px 4px 4px 4px rgb(254, 229, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4372, 0.3341, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 223) }
```

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

```
.background{ background-color: rgb(254,  
229, 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](#).

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