

Converting Colors

$Y_{xy}(82.3069, 0.3294, 0.3338)$

Have a look what the booklet for
Yxy(82.3069, 0.3294, 0.3338)
contains.

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Color

Yxy(82.3539, 0.3299, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	FAE6E1
RGB	250, 230, 225
RGB Percent	98%, 90%, 88%
CMY	0.0195, 0.0981, 0.1178
CMYK	0.00, 0.08, 0.10, 0.02
HSL	12°, 72%, 93%
HSV	12°, 10%, 98%
XYZ	81.3186, 82.3539, 82.8222
YIQ	235.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

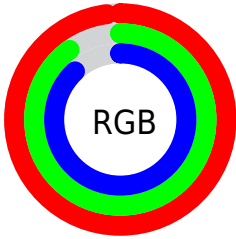
Format	Color
R _Y B	250, 231, 225
Decimal	16443105
CIE Lab	92.73, 6.00, 4.90
CIE LCh	93, 7.744, 39.240
Yxy	82.3539, 0.3299, 0.3341
Android (android.graphics.Color)	4294633185 (0xFFFAE6E1)
YUV	235.4100, -5.1321, 12.7954
Hunter-Lab	90.7490, 1.1399, 9.4132

Details

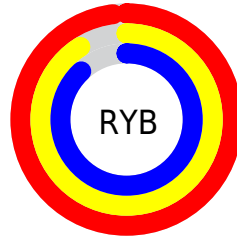
The Yxy color **82.3539, 0.3299, 0.3341** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.2208, 0.2972, 0.3238**, and the grayscale version is **83.4429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8997, 0.3331, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **70.5954, 0.3507, 0.3395**, and if you desaturate by 10%, it is **95.5955, 0.3128, 0.3290**.

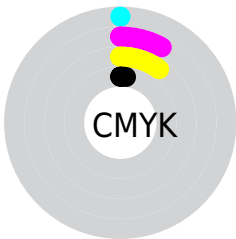
Distribution



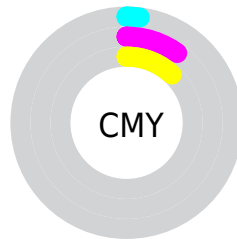
- Red (98%)
- Green (90%)
- Blue (88%)



- Red (98%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3539, 0.3299, 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 82.3539, 0.3299, 0.3341 by changing the saturation by 10% instead.

 82.3539, 0.3299,
0.3341

 82.3539, 0.3299,
0.3341

502.8307, 0.3221,
0.3319

 61.6573, 0.3317,
0.3346

136.6702, 0.3272,
0.3333

 44.7558, 0.3338,
0.3352


171.0586, 0.3262,
0.3330

 31.2652, 0.3365,
0.3359


210.7798, 0.3253,
0.3328

 20.8008, 0.3400,
0.3369

256.2182, 0.3245,
0.3325

 12.9785, 0.3447,
0.3381

307.7580, 0.3238,
0.3323

 7.4137, 0.3514,
0.3397

365.7838, 0.3231,

 3.7222, 0.3615,

0.3322

0.3421

430.6799, 0.3226,
0.3320

■ 1.5194, 0.3787,
0.3458

■ 0.3023, 0.5893,
0.4107

■ 82.3539, 0.3299,
0.3341

■ 82.3539, 0.3299,
0.3341

■ 70.5954, 0.3507,
0.3395

■ 95.5955, 0.3128,
0.3290

■ 60.2576, 0.3757,
0.3452

■ 99.0713, 0.3097,
0.3290

■ 51.2895, 0.4057,
0.3508

■ 43.6331, 0.4407,
0.3558

■ 37.2259, 0.4802,
0.3595

■ 32.0005, 0.5220,
0.3609

■ 27.8828, 0.5625,
0.3591

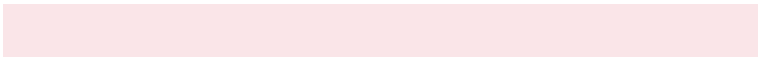
■ 24.7895, 0.5964,
0.3537

■ 22.6231, 0.6202,
0.3457

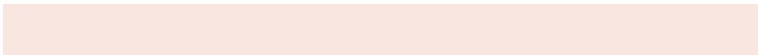
Harmonies

Analogous

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



82.3539, 0.3255, 0.3263



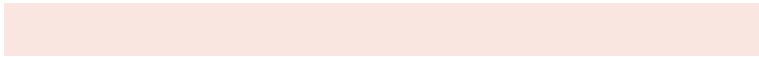
82.3539, 0.3299, 0.3341



82.3539, 0.3296, 0.3407

Triad

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



82.3539, 0.3299, 0.3341



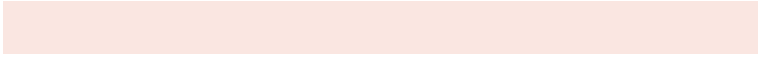
82.3539, 0.3076, 0.3391



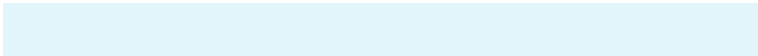
82.3539, 0.3007, 0.3139

Complementary

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



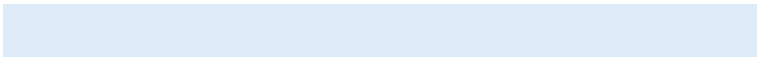
82.3539, 0.3299, 0.3341



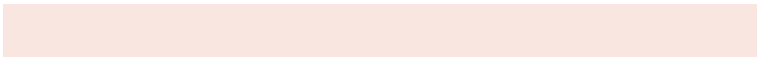
88.2208, 0.2972, 0.3238

Split Complementary

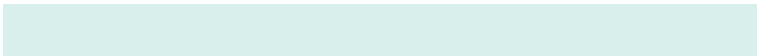
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3539, 0.2961, 0.3171



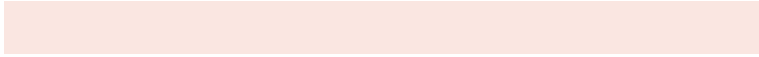
82.3539, 0.3299, 0.3341



82.3539, 0.3000, 0.3316

Square

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



82.3539, 0.3299, 0.3341



82.3539, 0.3166, 0.3438



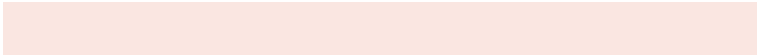
82.3539, 0.2959, 0.3235



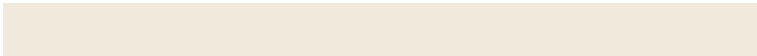
82.3539, 0.3086, 0.3147

Rectangle

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



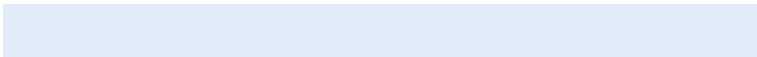
82.3539, 0.3299, 0.3341



82.3539, 0.3268, 0.3436



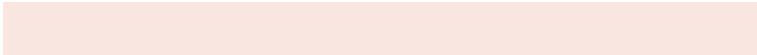
82.3539, 0.2959, 0.3235



82.3539, 0.2988, 0.3145

Sweetspot

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



82.3575, 0.3299, 0.3341



95.6764, 0.3175, 0.3305



80.7602, 0.3171, 0.3092



20.2365, 0.3189, 0.3309



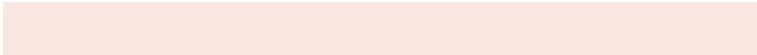
0.0000, 0.0000, 0.0000



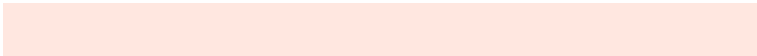
21.4041, 0.3127, 0.3290

Same Dimension

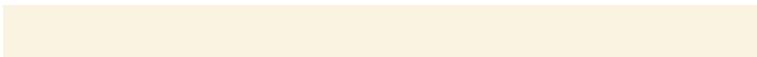
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3575, 0.3299, 0.3341



83.5550, 0.3337, 0.3352



89.5795, 0.3285, 0.3465



17.7885, 0.3289, 0.3338



12.1557, 0.6178, 0.3477



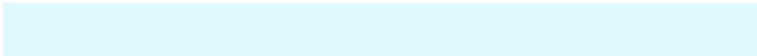
1.2680, 0.5961, 0.3649

Inverse Universe

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



88.2208, 0.2972, 0.3238



90.7997, 0.2941, 0.3228



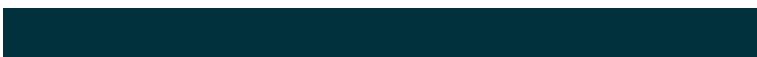
80.8979, 0.2971, 0.3109



18.9827, 0.2980, 0.3241



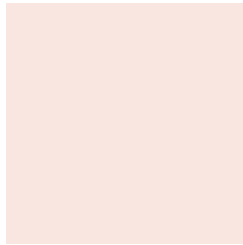
25.7533, 0.2065, 0.2632



2.5300, 0.2089, 0.2720

Previews

White Background



This preview shows how the Yxy color 82.3539, 0.3299, 0.3341 looks on a white background.

Color Contrast Check

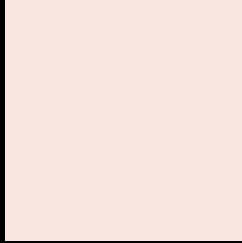
Large Text (above 18pt) WCAG AA × Fail

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 82.3539, 0.3299, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

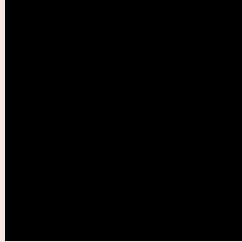
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

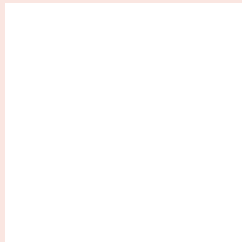
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3539, 0.3299, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 82.3539, 0.3299, 0.3341.

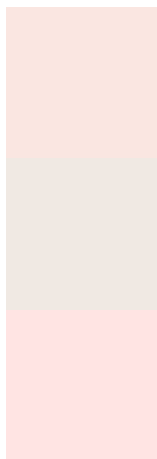


This preview shows how white text looks on a background with the Yxy color 82.3539, 0.3299, 0.3341.

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

82.3539, 0.3299, 0.3341

Protanopia

82.3491, 0.3213, 0.3352

Deuteranopia

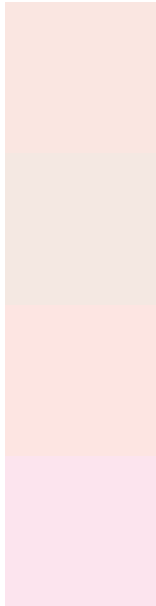
82.2929, 0.3323, 0.3301



Tritanopia

82.4134, 0.3191, 0.3113

Trichromacy



Original Color

82.3539, 0.3299, 0.3341

Protanomaly

82.4373, 0.3248, 0.3351

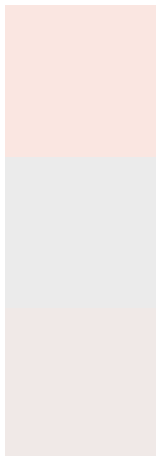
Deuteranomaly

82.4123, 0.3314, 0.3321

Tritanomaly

82.3553, 0.3229, 0.3191

Monochromacy



Original Color

82.3539, 0.3299, 0.3341

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.5726, 0.3187, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3539, 0.3299, 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(250, 230, 225)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 225)  
}
```

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(250, 230, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 225) }
```

Border

The CSS property to change the border of an element to Yxy 82.3539, 0.3299, 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(250, 230, 225) }
```

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

```
.border{ border-color:rgb(250, 230, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 225);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3539, 0.3299, 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(250, 230, 225) }
```

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

```
.background{ background-color: rgb(250,  
230, 225) }
```

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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