

Converting Colors

$Yxy(82.5257, 0.3206, 0.3227)$

Have a look what the booklet for
Yxy(82.5257, 0.3206, 0.3227)
contains.

Yxy(82.4239, 0.3205, 0.3230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.4239, 0.3205, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	F7E6EC
RGB	247, 230, 236
RGB Percent	97%, 90%, 93%
CMY	0.0315, 0.0980, 0.0744
CMYK	0.00, 0.07, 0.04, 0.03
HSL	339°, 51%, 94%
HSV	339°, 7%, 97%
XYZ	81.7859, 82.4239, 90.9725
YIQ	235.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

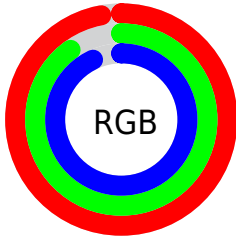
Format	Color
R_{YB}	247, 230, 236
Decimal	16246508
CIE Lab	92.76, 6.77, -0.85
CIE LCh	93, 6.826, 352.841
Yxy	82.4239, 0.3205, 0.3230
Android (android.graphics.Color)	4294436588 (0xFFFF7E6EC)
YUV	235.7670, 0.1149, 9.8513
Hunter-Lab	90.7876, 1.9233, 4.1406

Details

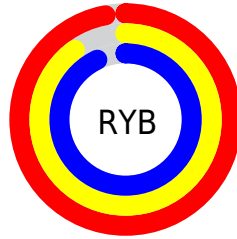
The Yxy color **82.4239, 0.3205, 0.3230** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.6694, 0.3055, 0.3351**, and the grayscale version is **83.6871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0316, 0.3228, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **68.7551, 0.3340, 0.3138**, and if you desaturate by 10%, it is **98.1298, 0.3095, 0.3316**.

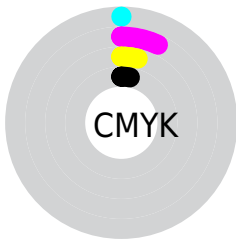
Distribution



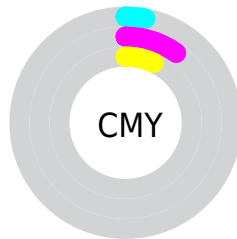
- Red (97%)
- Green (90%)
- Blue (93%)



- Red (97%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4239, 0.3205, 0.3230 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 82.4239, 0.3205, 0.3230 by changing the saturation by 10% instead.


 82.4239, 0.3205,
0.3230

 82.4239, 0.3205,
0.3230


503.0645, 0.3170,
0.3257

 61.7150, 0.3213,
0.3224


136.7683, 0.3193,
0.3239

 44.8025, 0.3222,
0.3217


171.1726, 0.3188,
0.3243

 31.3019, 0.3235,
0.3207

210.9108, 0.3184,
0.3246

 20.8288, 0.3250,
0.3195

256.3673, 0.3181,
0.3249

 12.9989, 0.3271,
0.3179

307.9266, 0.3177,
0.3251

 7.4278, 0.3300,
0.3157

365.9729, 0.3175,

 3.7311, 0.3344,

0.3253

0.3123

430.8908, 0.3172,
0.3255

■ 1.5243, 0.3419,
0.3067

■ 0.3057, 0.3951,
0.2649

■ 82.4239, 0.3205,
0.3230

■ 82.4239, 0.3205,
0.3230

■ 68.7551, 0.3340,
0.3138

■ 98.1298, 0.3095,
0.3316

■ 57.0289, 0.3504,
0.3042

■ 98.5064, 0.3078,
0.3290

■ 47.1597, 0.3704,
0.2945

■ 39.0509, 0.3943,
0.2853

■ 32.5972, 0.4221,
0.2775

■ 27.6822, 0.4536,
0.2723

■ 24.1738, 0.4872,
0.2709

■ 21.9174, 0.5208,
0.2744

■ 20.7174, 0.5515,
0.2829

Harmonies

Analogous

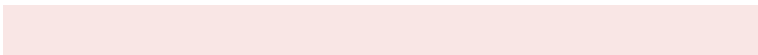
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4239, 0.3127, 0.3178



82.4239, 0.3205, 0.3230



82.4239, 0.3262, 0.3298

Triad

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



82.4239, 0.3205, 0.3230



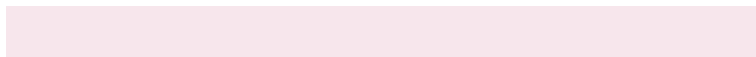
82.4239, 0.3203, 0.3428



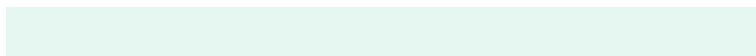
82.4239, 0.2974, 0.3213

Complementary

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



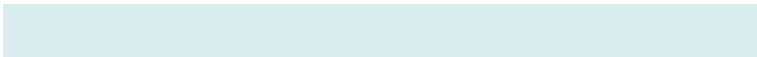
82.4239, 0.3205, 0.3230



89.6694, 0.3055, 0.3351

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.



82.4239, 0.2994, 0.3280



82.4239, 0.3205, 0.3230



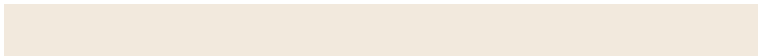
82.4239, 0.3126, 0.3406

Square

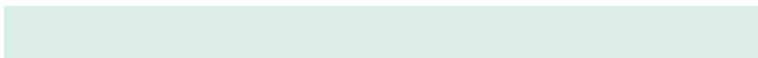
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



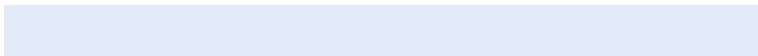
82.4239, 0.3205, 0.3230



82.4239, 0.3261, 0.3412



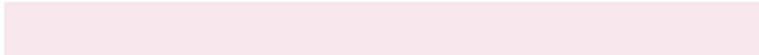
82.4239, 0.3049, 0.3351



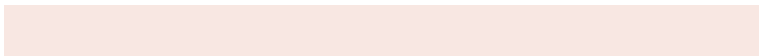
82.4239, 0.2995, 0.3168

Rectangle

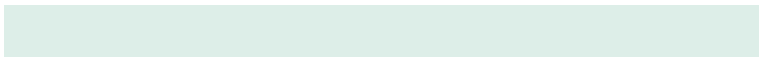
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4239, 0.3205, 0.3230



82.4239, 0.3280, 0.3343



82.4239, 0.3049, 0.3351



82.4239, 0.2977, 0.3234

Sweetspot

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



82.4275, 0.3205, 0.3230



96.5789, 0.3149, 0.3273



81.9725, 0.3093, 0.3120



20.7077, 0.3148, 0.3274



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

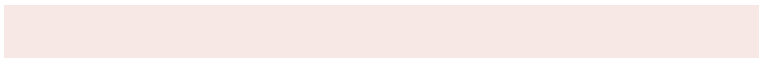
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4275, 0.3205, 0.3230



86.8486, 0.3219, 0.3220



83.3496, 0.3242, 0.3313



16.5796, 0.3238, 0.3206



10.8512, 0.5561, 0.2837



0.9725, 0.5215, 0.2646

Inverse Universe

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



82.4275, 0.3205, 0.3230



86.8486, 0.3219, 0.3220



88.6614, 0.3021, 0.3267



16.5796, 0.3238, 0.3206



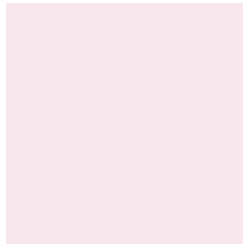
10.8512, 0.5561, 0.2837



0.9725, 0.5215, 0.2646

Previews

White Background



This preview shows how the Yxy color 82.4239, 0.3205, 0.3230 looks on a white background.

Color Contrast Check

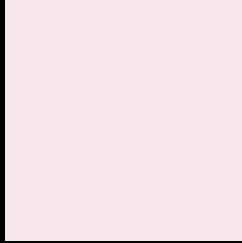
Large Text (above 18pt) WCAG AA × Fail

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 82.4239, 0.3205, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

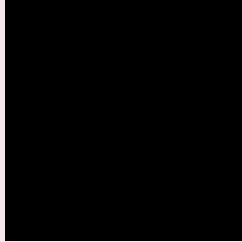
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.4239, 0.3205, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 82.4239, 0.3205, 0.3230.

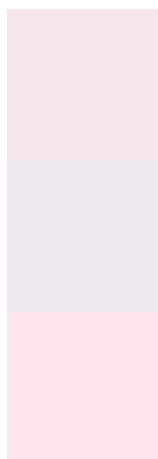


This preview shows how white text looks on a background with the Yxy color 82.4239, 0.3205, 0.3230.

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

82.4239, 0.3205, 0.3230

Protanopia

82.4554, 0.3123, 0.3239

Deuteranopia

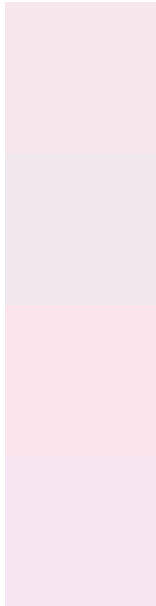
82.3126, 0.3257, 0.3192



Tritanopia

82.0971, 0.3149, 0.3112

Trichromacy



Original Color

82.4239, 0.3205, 0.3230

Protanomaly

82.5284, 0.3157, 0.3239

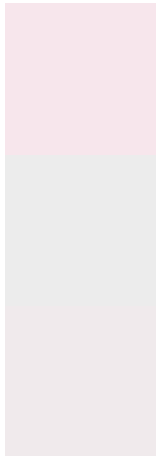
Deuteranomaly

82.2967, 0.3235, 0.3201

Tritanomaly

82.4059, 0.3174, 0.3161

Monochromacy



Original Color

82.4239, 0.3205, 0.3230

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.4270, 0.3155, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4239, 0.3205, 0.3230 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(247, 230, 236)` looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 236)  
}
```

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(247, 230, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 236) }
```

Border

The CSS property to change the border of an element to Yxy 82.4239, 0.3205, 0.3230 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(247, 230, 236) }
```

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

```
.border{ border-color:rgb(247, 230, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 236);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4239, 0.3205, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 236) }
```

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

```
.background{ background-color: rgb(247,  
230, 236) }
```

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