

Converting Colors

$Yxy(82.6574, 0.3290, 0.3332)$

Have a look what the booklet for
Yxy(82.6574, 0.3290, 0.3332)
contains.

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Color

Yxy(82.4086, 0.3292, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	FAE6E2
RGB	250, 230, 226
RGB Percent	98%, 90%, 89%
CMY	0.0196, 0.0980, 0.1138
CMYK	0.00, 0.08, 0.10, 0.02
HSL	10°, 71%, 93%
HSV	10°, 10%, 98%
XYZ	81.4437, 82.4086, 83.5466
YIQ	235.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

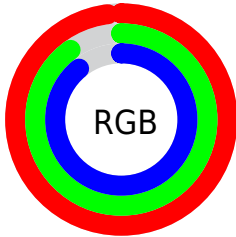
Format	Color
R _Y B	250, 231, 226
Decimal	16443106
CIE Lab	92.75, 6.14, 4.41
CIE LCh	93, 7.557, 35.696
Yxy	82.4086, 0.3292, 0.3331
Android (android.graphics.Color)	4294633186 (0xFFFAE6E2)
YUV	235.5240, -4.6953, 12.6955
Hunter-Lab	90.7792, 1.2801, 8.9792

Details

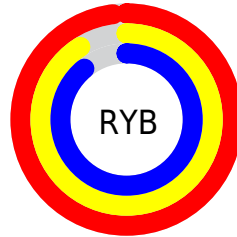
The Yxy color **82.4086, 0.3292, 0.3331** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.9525, 0.2978, 0.3249**, and the grayscale version is **83.5276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9377, 0.3322, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **70.2438, 0.3500, 0.3377**, and if you desaturate by 10%, it is **96.1620, 0.3121, 0.3288**.

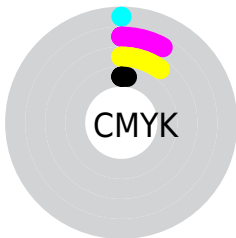
Distribution



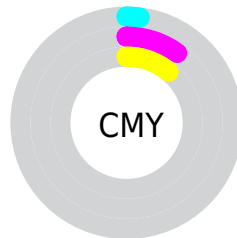
- Red (98%)
- Green (90%)
- Blue (89%)



- Red (98%)
- Yellow (91%)
- Blue (89%)



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





- Cyan (2%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4086, 0.3292, 0.3331 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 82.4086, 0.3292, 0.3331 by changing the saturation by 10% instead.

 82.4086, 0.3292,
0.3331

 82.4086, 0.3292,
0.3331

503.0134, 0.3217,
0.3313

 61.7024, 0.3309,
0.3335

136.7469, 0.3266,
0.3325

 44.7923, 0.3329,
0.3340


171.1477, 0.3256,
0.3323

 31.2938, 0.3355,
0.3345


210.8822, 0.3247,
0.3320

 20.8227, 0.3389,
0.3353

256.3347, 0.3240,
0.3319

 12.9945, 0.3434,
0.3362

307.8897, 0.3233,
0.3317

 7.4247, 0.3498,
0.3376

365.9316, 0.3227,

 3.7291, 0.3595,

0.3316

0.3394

430.8447, 0.3222,
0.3314

■ 1.5232, 0.3760,
0.3422

■ 0.3050, 0.5722,
0.3969

■ 82.4086, 0.3292,
0.3331

■ 82.4086, 0.3292,
0.3331

■ 70.2438, 0.3500,
0.3377

■ 96.1620, 0.3121,
0.3288

■ 59.5997, 0.3753,
0.3424

■ 99.0628, 0.3096,
0.3290

■ 50.4194, 0.4058,
0.3471

■ 42.6386, 0.4416,
0.3513

■ 36.1878, 0.4821,
0.3544

■ 30.9918, 0.5253,
0.3554

■ 26.9674, 0.5669,
0.3537

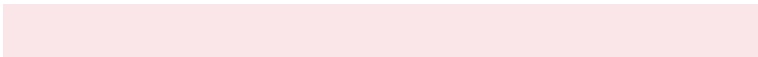
■ 24.0213, 0.6014,
0.3488

■ 22.0397, 0.6247,
0.3418

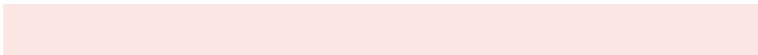
Harmonies

Analogous

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



82.4086, 0.3244, 0.3254



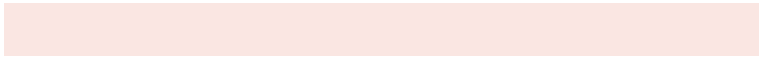
82.4086, 0.3292, 0.3331



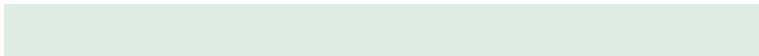
82.4086, 0.3295, 0.3398

Triad

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



82.4086, 0.3292, 0.3331



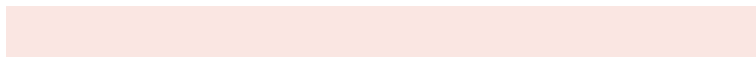
82.4086, 0.3088, 0.3396



82.4086, 0.3003, 0.3144

Complementary

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



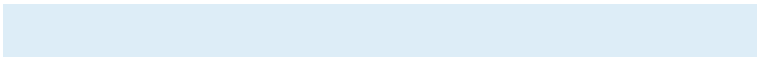
82.4086, 0.3292, 0.3331



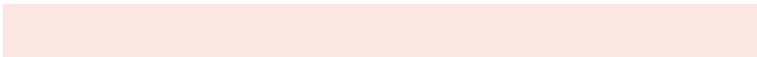
88.9525, 0.2978, 0.3249

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.



82.4086, 0.2962, 0.3180



82.4086, 0.3292, 0.3331



82.4086, 0.3011, 0.3325

Square

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



82.4086, 0.3292, 0.3331



82.4086, 0.3176, 0.3437



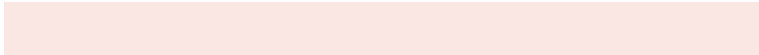
82.4086, 0.2965, 0.3246



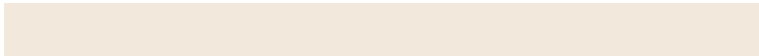
82.4086, 0.3077, 0.3148

Rectangle

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



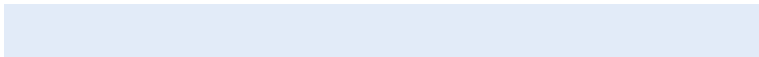
82.4086, 0.3292, 0.3331



82.4086, 0.3271, 0.3429



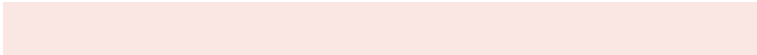
82.4086, 0.2965, 0.3246



82.4086, 0.2985, 0.3152

Sweetspot

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



82.4122, 0.3292, 0.3331



95.5232, 0.3175, 0.3303



81.3555, 0.3164, 0.3092



20.1953, 0.3189, 0.3306



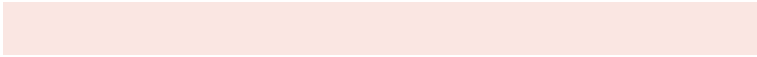
0.0000, 0.0000, 0.0000



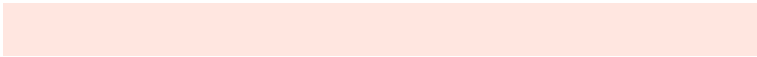
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4122, 0.3292, 0.3331



83.0023, 0.3338, 0.3342



89.3093, 0.3279, 0.3450



17.6963, 0.3290, 0.3331



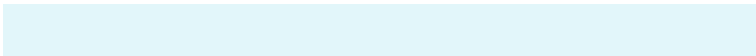
11.7977, 0.6233, 0.3433



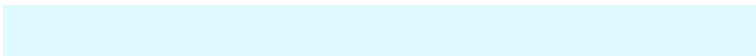
1.2217, 0.6028, 0.3595

Inverse Universe

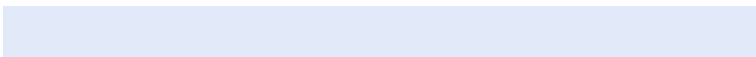
The Inverse Universe completely reimagines the original color for something new.



88.9525, 0.2978, 0.3249



91.4146, 0.2942, 0.3238



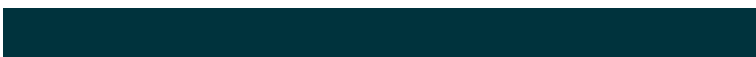
81.9017, 0.2977, 0.3125



19.0829, 0.2980, 0.3249



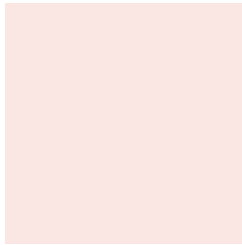
27.7732, 0.2096, 0.2744



2.6995, 0.2116, 0.2816

Previews

White Background



This preview shows how the Yxy color 82.4086, 0.3292, 0.3331 looks on a white background.

Color Contrast Check

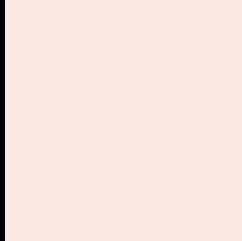
Large Text (above 18pt) WCAG AA × Fail

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 82.4086, 0.3292, 0.3331 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

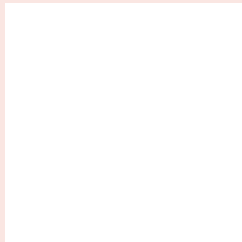
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4086, 0.3292, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 82.4086, 0.3292, 0.3331.

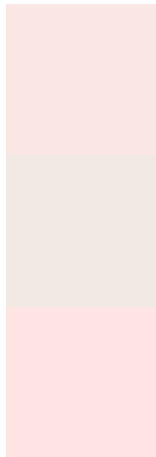


This preview shows how white text looks on a background with the Yxy color 82.4086, 0.3292, 0.3331.

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

82.4086, 0.3292, 0.3331

Protanopia

82.4045, 0.3206, 0.3341

Deuteranopia

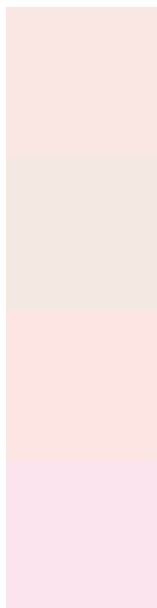
82.3482, 0.3316, 0.3291



Tritanopia

82.4134, 0.3191, 0.3113

Trichromacy



Original Color

82.4086, 0.3292, 0.3331

Protanomaly

82.4924, 0.3241, 0.3341

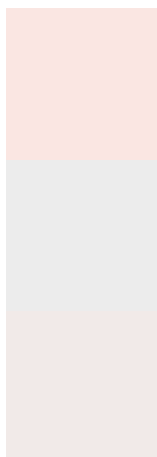
Deuteranomaly

82.4673, 0.3307, 0.3311

Tritanomaly

82.3553, 0.3229, 0.3191

Monochromacy



Original Color

82.4086, 0.3292, 0.3331

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.3726, 0.3187, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4086, 0.3292, 0.3331 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 226) }
```

Border

The CSS property to change the border of an element to Yxy 82.4086, 0.3292, 0.3331 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, 226) }
```

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

```
.border{ border-color:rgb(250, 230, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4086, 0.3292, 0.3331 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, 226) }
```

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

```
.background{ background-color: rgb(250,  
230, 226) }
```

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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