

Converting Colors

$Yxy(90.4875, 0.3130, 0.3222)$

Have a look what the booklet for
Yxy(90.4875, 0.3130, 0.3222)
contains.

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Color

Yxy(90.4836, 0.3130, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	F9F2F9
RGB	249, 242, 249
RGB Percent	98%, 95%, 98%
CMY	0.0238, 0.0509, 0.0236
CMYK	0.00, 0.03, 0.00, 0.02
HSL	300°, 37%, 96%
HSV	300°, 3%, 98%
XYZ	87.9000, 90.4836, 102.4470
YIQ	244.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

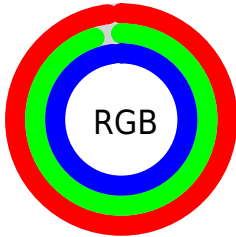
Format	Color
R _Y B	249, 242, 249
Decimal	16380665
CIE Lab	96.20, 3.53, -2.54
CIE LCh	96, 4.348, 324.320
Yxy	90.4836, 0.3130, 0.3222
Android (android.graphics.Color)	4294570745 (0xFF9F2F9)
YUV	244.8910, 2.0257, 3.6036
Hunter-Lab	95.1229, -1.5190, 2.7309

Details

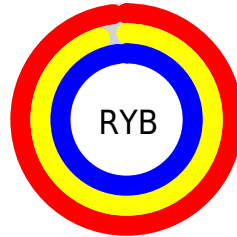
The Yxy color 90.4836, 0.3130, 0.3222 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.0504, 0.3124, 0.3359, and the grayscale version is 91.1967, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.3055, 0.3131, 0.3203 is the 20% darker color. If you saturate the color by 10%, you get 76.6234, 0.3140, 0.2974, and if you desaturate by 10%, it is 98.5229, 0.3125, 0.3348.

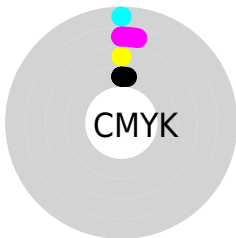
Distribution



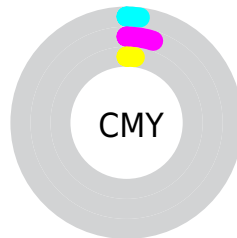
- Red (98%)
- Green (95%)
- Blue (98%)



- Red (98%)
- Yellow (95%)
- Blue (98%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.4836, 0.3130, 0.3222 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 90.4836, 0.3130, 0.3222 by changing the saturation by 10% instead.

 90.4836, 0.3130,
0.3222

 90.4836, 0.3130,
0.3222

529.6027, 0.3129,
0.3252

 68.3818, 0.3130,
0.3215


148.0100, 0.3130,
0.3232

 50.2084, 0.3131,
0.3207


184.2033, 0.3129,
0.3236

 35.5790, 0.3131,
0.3197


225.8626, 0.3129,
0.3240

 24.1092, 0.3131,
0.3185

273.3723, 0.3129,
0.3243

 15.4147, 0.3132,
0.3168

327.1168, 0.3129,
0.3246

 9.1109, 0.3132,
0.3145

387.4804, 0.3129,

 4.8136, 0.3133,

0.3248

0.3112

454.8476, 0.3129,
0.3250

■ 2.1383, 0.3134,
0.3058

■ 0.6860, 0.3143,
0.2921

■ 90.4836, 0.3130,
0.3222

■ 90.4836, 0.3130,
0.3222

■ 76.6234, 0.3140,
0.2974

■ 98.5229, 0.3125,
0.3348

■ 64.6961, 0.3150,
0.2721

■ 98.5584, 0.3127,
0.3348

■ 54.6193, 0.3160,
0.2472

■ 98.5940, 0.3128,
0.3348

■ 46.3000, 0.3169,
0.2237

■ 98.6296, 0.3129,
0.3348

39.6371, 0.3177,
0.2024

98.6652, 0.3130,
0.3348

34.5194, 0.3183,
0.1843

98.7009, 0.3131,
0.3348

30.8219, 0.3188,
0.1702

98.7366, 0.3132,
0.3348

28.4005, 0.3190,
0.1605

98.7723, 0.3134,
0.3348

27.0801, 0.3190,
0.1550

98.8081, 0.3135,
0.3348

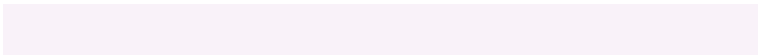
Harmonies

Analogous

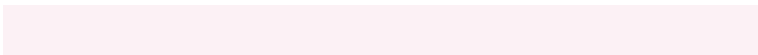
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4836, 0.3082, 0.3207



90.4836, 0.3130, 0.3222



90.4836, 0.3177, 0.3255

Triad

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



90.4836, 0.3130, 0.3222



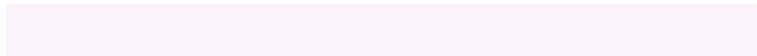
90.4836, 0.3208, 0.3367



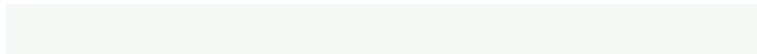
90.4836, 0.3044, 0.3282

Complementary

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



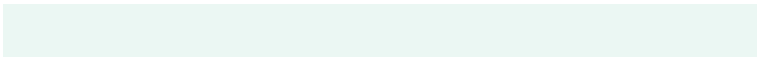
90.4836, 0.3130, 0.3222



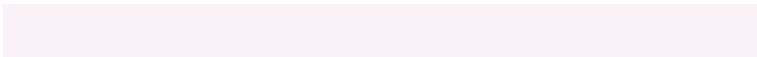
93.0504, 0.3124, 0.3359

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.



90.4836, 0.3077, 0.3326



90.4836, 0.3130, 0.3222



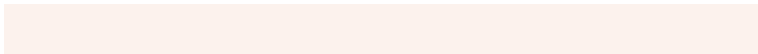
90.4836, 0.3172, 0.3375

Square

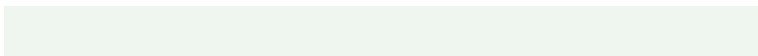
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



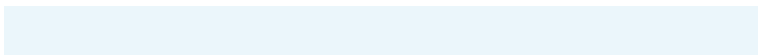
90.4836, 0.3130, 0.3222



90.4836, 0.3223, 0.3338



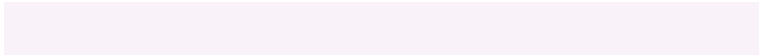
90.4836, 0.3124, 0.3360



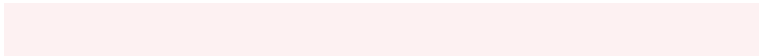
90.4836, 0.3033, 0.3241

Rectangle

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



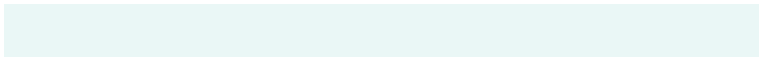
90.4836, 0.3130, 0.3222



90.4836, 0.3202, 0.3283



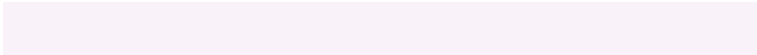
90.4836, 0.3124, 0.3360



90.4836, 0.3053, 0.3297

Sweetspot

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



90.4875, 0.3130, 0.3222



98.3800, 0.3128, 0.3266



89.3102, 0.3085, 0.3222



21.0744, 0.3128, 0.3267



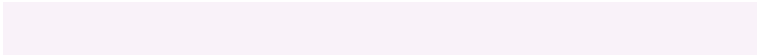
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



90.4875, 0.3130, 0.3222



95.2046, 0.3130, 0.3217



90.2892, 0.3151, 0.3255



19.2541, 0.3131, 0.3198



14.2558, 0.3190, 0.1531



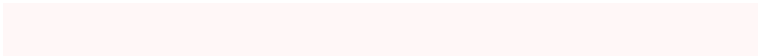
1.3225, 0.3192, 0.1532

Inverse Universe

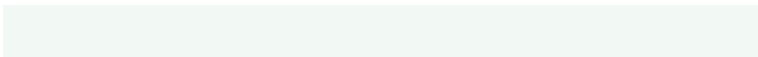
The Inverse Universe completely reimagines the original color for something new.



90.0740, 0.3172, 0.3290



94.7365, 0.3176, 0.3290



93.2450, 0.3104, 0.3325



19.1335, 0.3189, 0.3289



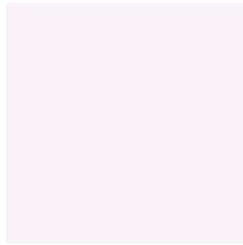
10.7837, 0.6393, 0.3295



0.9995, 0.6373, 0.3284

Previews

White Background



This preview shows how the Yxy color 90.4836, 0.3130, 0.3222 looks on a white background.

Color Contrast Check

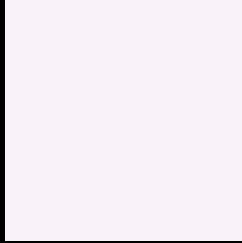
Large Text (above 18pt) WCAG AA × Fail

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 90.4836, 0.3130, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

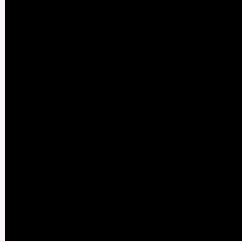
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

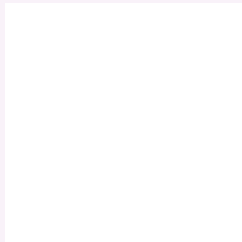
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4836, 0.3130, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 90.4836, 0.3130, 0.3222.

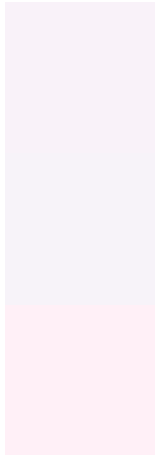


This preview shows how white text looks on a background with the Yxy color 90.4836, 0.3130, 0.3222.

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

90.4836, 0.3130, 0.3222

Protanopia

90.7149, 0.3117, 0.3231

Deuteranopia

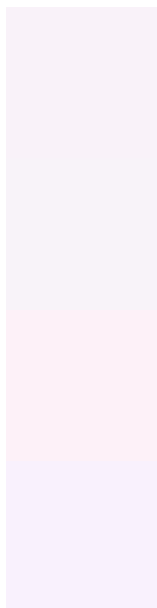
90.2956, 0.3183, 0.3222



Tritanopia

90.2703, 0.3095, 0.3154

Trichromacy



Original Color

90.4836, 0.3130, 0.3222

Protanomaly

90.8972, 0.3123, 0.3231

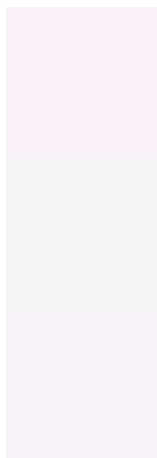
Deuteranomaly

90.5706, 0.3163, 0.3222

Tritanomaly

90.1422, 0.3107, 0.3173

Monochromacy



Original Color

90.4836, 0.3130, 0.3222

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

90.9480, 0.3128, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4836, 0.3130, 0.3222 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 $rgb(249, 242, 249)$ looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 249)  
}
```

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(249, 242, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 249) }
```

Border

The CSS property to change the border of an element to Yxy 90.4836, 0.3130, 0.3222 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(249, 242, 249) }
```

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

```
.border{ border-color:rgb(249, 242, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 242, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 242, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 242, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 242,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4836, 0.3130, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 249) }
```

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

```
.background{ background-color: rgb(249,  
242, 249) }
```

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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