

Converting Colors

$Yxy(82.9697, 0.3237, 0.3267)$

Have a look what the booklet for
Yxy(82.9697, 0.3237, 0.3267)
contains.

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Color

Yxy(83.1748, 0.3238, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F9E7E9
RGB	249, 231, 233
RGB Percent	98%, 91%, 91%
CMY	0.0234, 0.0941, 0.0862
CMYK	0.00, 0.07, 0.06, 0.02
HSL	353°, 60%, 94%
HSV	353°, 7%, 98%
XYZ	82.3609, 83.1748, 88.8215
YIQ	236.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

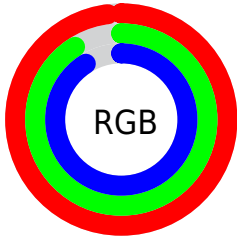
Format	Color
R_{YB}	249, 231, 233
Decimal	16377833
CIE _{Lab}	93.09, 6.46, 1.21
CIE _{LCh}	93, 6.578, 10.632
Yxy	83.1748, 0.3238, 0.3270
Android (android.graphics.Color)	4294567913 (0xFF9E7E9)
YUV	236.6100, -1.7797, 10.8660
Hunter-Lab	91.2002, 1.5989, 6.0966

Details

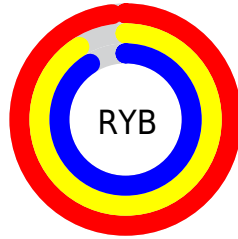
The Yxy color **83.1748, 0.3238, 0.3270** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.4727, 0.3026, 0.3310**, and the grayscale version is **84.3866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1717, 0.3271, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **69.0312, 0.3423, 0.3241**, and if you desaturate by 10%, it is **98.8851, 0.3090, 0.3290**.

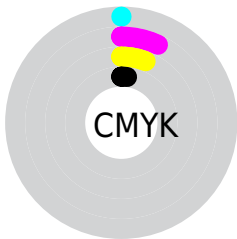
Distribution



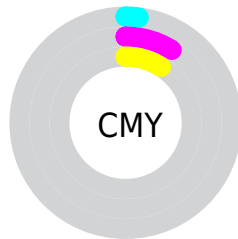
- Red (98%)
- Green (91%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.1748, 0.3238, 0.3270 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 83.1748, 0.3238, 0.3270 by changing the saturation by 10% instead.


 83.1748, 0.3238,
0.3270

 83.1748, 0.3238,
0.3270

505.5689, 0.3188,
0.3279

 62.3344, 0.3249,
0.3268


137.8203, 0.3221,
0.3273

 45.3029, 0.3263,
0.3265


172.3941, 0.3214,
0.3274

 31.6961, 0.3280,
0.3262


212.3145, 0.3208,
0.3276

 21.1295, 0.3302,
0.3258

257.9658, 0.3203,
0.3276

 13.2187, 0.3332,
0.3252

309.7325, 0.3199,
0.3277

 7.5793, 0.3374,
0.3244

367.9990, 0.3195,

 3.8270, 0.3438,

0.3278

0.3231

433.1497, 0.3191,
0.3279

■ 1.5772, 0.3546,
0.3208

■ 0.3422, 0.4340,
0.3075

■ 83.1748, 0.3238,
0.3270

■ 83.1748, 0.3238,
0.3270

■ 69.0312, 0.3423,
0.3241

■ 98.8851, 0.3090,
0.3290

■ 56.9362, 0.3654,
0.3210

■ 46.7979, 0.3939,
0.3180

■ 38.5136, 0.4284,
0.3153

■ 31.9706, 0.4687,
0.3133

■ 27.0445, 0.5133,
0.3127

■ 23.5940, 0.5579,
0.3141

■ 21.4536, 0.5967,
0.3176

■ 20.4104, 0.6237,
0.3228

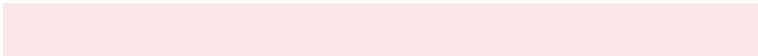
Harmonies

Analogous

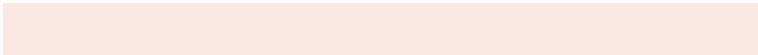
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1748, 0.3173, 0.3209



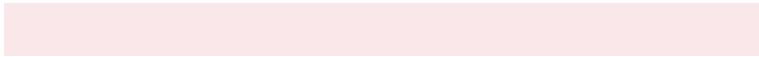
83.1748, 0.3238, 0.3270



83.1748, 0.3273, 0.3336

Triad

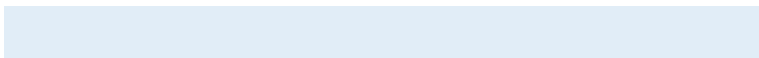
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1748, 0.3238, 0.3270



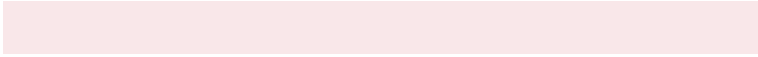
83.1748, 0.3157, 0.3414



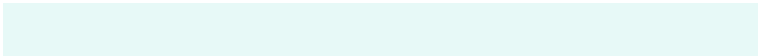
83.1748, 0.2987, 0.3187

Complementary

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



83.1748, 0.3238, 0.3270



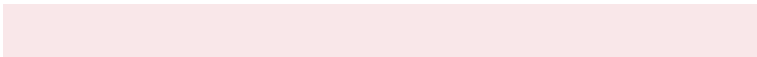
91.4727, 0.3026, 0.3310

Split Complementary

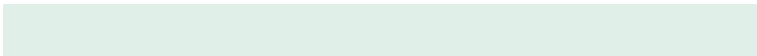
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1748, 0.2983, 0.3241



83.1748, 0.3238, 0.3270



83.1748, 0.3081, 0.3373

Square

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



83.1748, 0.3238, 0.3270



83.1748, 0.3226, 0.3421



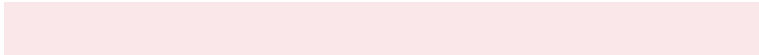
83.1748, 0.3017, 0.3309



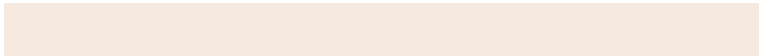
83.1748, 0.3028, 0.3162

Rectangle

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



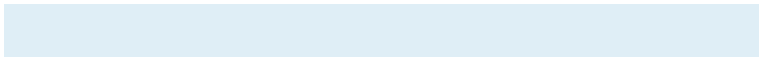
83.1748, 0.3238, 0.3270



83.1748, 0.3275, 0.3376



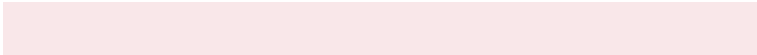
83.1748, 0.3017, 0.3309



83.1748, 0.2982, 0.3203

Sweetspot

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



83.1784, 0.3238, 0.3270



96.5010, 0.3156, 0.3285



83.7507, 0.3121, 0.3112



20.6918, 0.3155, 0.3285



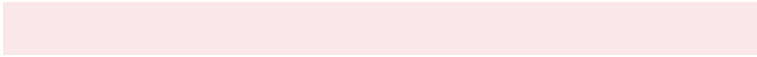
0.0000, 0.0000, 0.0000



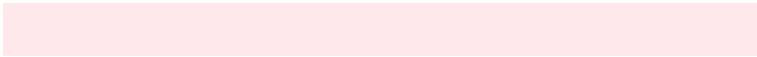
21.4041, 0.3127, 0.3290

Same Dimension

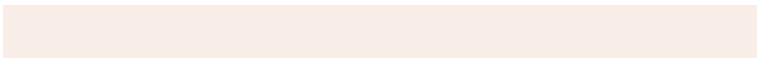
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1784, 0.3238, 0.3270



84.9784, 0.3268, 0.3265



87.0097, 0.3245, 0.3359



17.2570, 0.3276, 0.3264



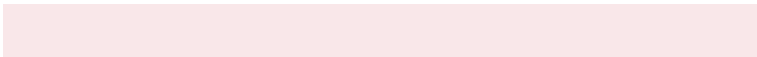
10.8355, 0.6267, 0.3226



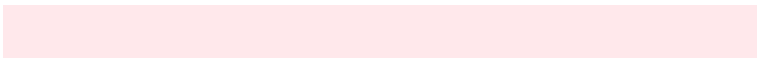
1.0136, 0.6025, 0.3092

Inverse Universe

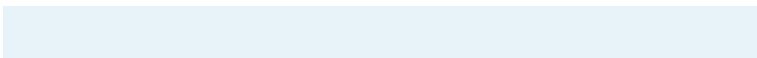
The Inverse Universe completely reimagines the original color for something new.



83.1784, 0.3238, 0.3270



84.9784, 0.3268, 0.3265



87.4026, 0.3015, 0.3220



17.2570, 0.3276, 0.3264



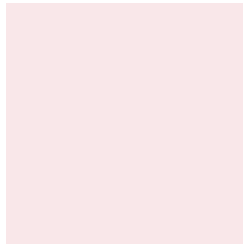
10.8355, 0.6267, 0.3226



1.0136, 0.6025, 0.3092

Previews

White Background



This preview shows how the Yxy color 83.1748, 0.3238, 0.3270 looks on a white background.

Color Contrast Check

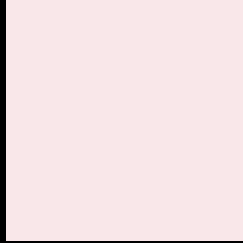
Large Text (above 18pt) WCAG AA × Fail

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 83.1748, 0.3238, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

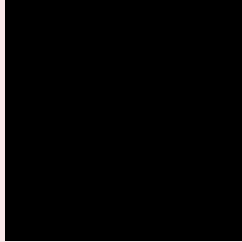
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

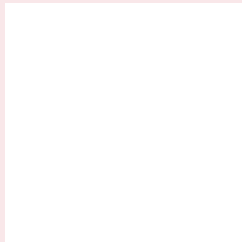
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.1748, 0.3238, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 83.1748, 0.3238, 0.3270.

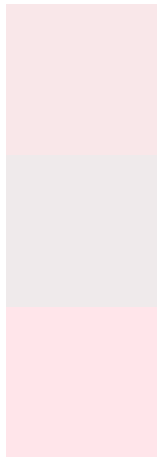


This preview shows how white text looks on a background with the Yxy color 83.1748, 0.3238, 0.3270.

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

83.1748, 0.3238, 0.3270

Protanopia

83.1945, 0.3155, 0.3280

Deuteranopia

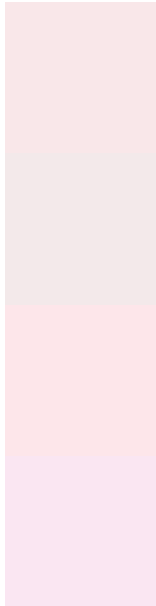
83.2391, 0.3275, 0.3241



Tritanopia

83.2633, 0.3163, 0.3113

Trichromacy



Original Color

83.1748, 0.3238, 0.3270

Protanomaly

83.2730, 0.3189, 0.3280

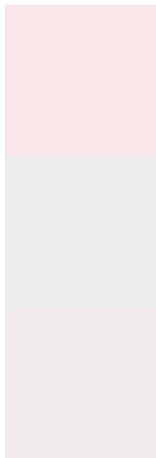
Deuteranomaly

83.4168, 0.3260, 0.3251

Tritanomaly

83.3284, 0.3187, 0.3171

Monochromacy



Original Color

83.1748, 0.3238, 0.3270

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.1736, 0.3161, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.1748, 0.3238, 0.3270 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, 231, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 231, 233)  
}
```

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, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 231, 233) }
```

Border

The CSS property to change the border of an element to Yxy 83.1748, 0.3238, 0.3270 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, 231, 233) }
```

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

```
.border{ border-color:rgb(249, 231, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 231, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 231,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 83.1748, 0.3238, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 231, 233) }
```

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

```
.background{ background-color: rgb(249,  
231, 233) }
```

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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