

Converting Colors

$Yxy(93.0128, 0.3141, 0.3271)$

Have a look what the booklet for
Yxy(93.0128, 0.3141, 0.3271)
contains.

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Color

Yxy(93.0128, 0.3141, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FAF6F8
RGB	250, 246, 248
RGB Percent	98%, 96%, 97%
CMY	0.0196, 0.0352, 0.0276
CMYK	0.00, 0.02, 0.01, 0.02
HSL	330°, 28%, 97%
HSV	330°, 2%, 98%
XYZ	89.3162, 93.0128, 102.0269
YIQ	247.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

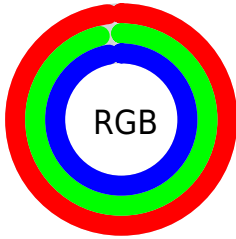
Format	Color
R _Y B	250, 246, 248
Decimal	16447224
CIE Lab	97.23, 1.67, -0.48
CIE LCh	97, 1.738, 343.900
Yxy	93.0128, 0.3141, 0.3271
Android (android.graphics.Color)	4294637304 (0xFFFAF6F8)
YUV	247.4240, 0.2840, 2.2592
Hunter-Lab	96.4431, -3.4663, 4.7875

Details

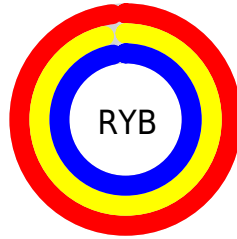
The Yxy color 93.0128, 0.3141, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.7391, 0.3114, 0.3309, and the grayscale version is 93.3716, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.1020, 0.3145, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 78.0563, 0.3238, 0.3147, and if you desaturate by 10%, it is 99.0620, 0.3096, 0.3290.

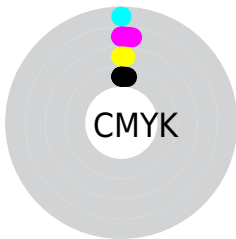
Distribution



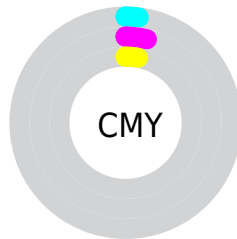
- Red (98%)
- Green (96%)
- Blue (97%)



- Red (98%)
- Yellow (96%)
- Blue (97%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (2%)




- Cyan (2%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0128, 0.3141, 0.3271 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 93.0128, 0.3141, 0.3271 by changing the saturation by 10% instead.


 93.0128, 0.3141,
0.3271

 93.0128, 0.3141,
0.3271


537.7834, 0.3135,
0.3280

 70.4821, 0.3142,
0.3269


151.5163, 0.3139,
0.3274

 51.9197, 0.3144,
0.3267

188.2580, 0.3138,
0.3275

 36.9411, 0.3146,
0.3264


230.5055, 0.3137,
0.3276

 25.1619, 0.3148,
0.3261

278.6431, 0.3137,
0.3277

 16.1977, 0.3152,
0.3256

333.0553, 0.3136,
0.3278

 9.6642, 0.3156,
0.3249

394.1265, 0.3136,

 5.1769, 0.3163,

0.3278

0.3240

462.2411, 0.3135,
0.3279

■ 2.3514, 0.3174,
0.3225

■ 0.8007, 0.3197,
0.3193

■ 93.0128, 0.3141,
0.3271

■ 93.0128, 0.3141,
0.3271

■ 78.0563, 0.3238,
0.3147

■ 99.0620, 0.3096,
0.3290

■ 65.1137, 0.3356,
0.3017

■ 54.1012, 0.3497,
0.2884

■ 44.9249, 0.3665,
0.2753

■ 37.4826, 0.3860,
0.2632

■ 31.6620, 0.4081,
0.2532

■ 27.3378, 0.4324,
0.2466

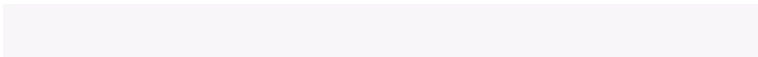
■ 24.3657, 0.4578,
0.2445

■ 22.5723, 0.4830,
0.2480

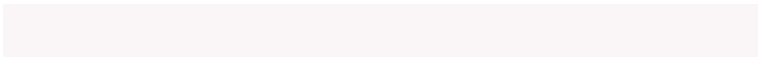
Harmonies

Analogous

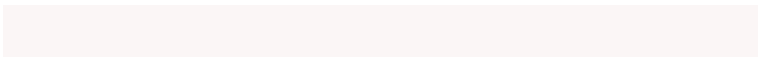
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0128, 0.3122, 0.3260



93.0128, 0.3141, 0.3271



93.0128, 0.3157, 0.3287

Triad

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



93.0128, 0.3141, 0.3271



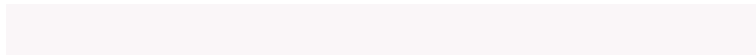
93.0128, 0.3151, 0.3323



93.0128, 0.3090, 0.3276

Complementary

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



93.0128, 0.3141, 0.3271



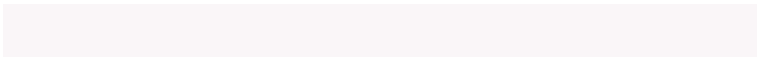
94.7391, 0.3114, 0.3309

Split Complementary

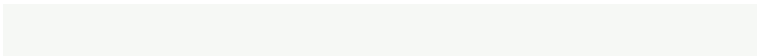
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0128, 0.3098, 0.3293



93.0128, 0.3141, 0.3271



93.0128, 0.3133, 0.3321

Square

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



93.0128, 0.3141, 0.3271



93.0128, 0.3162, 0.3317



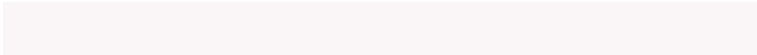
93.0128, 0.3113, 0.3310



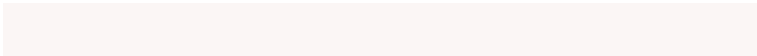
93.0128, 0.3092, 0.3263

Rectangle

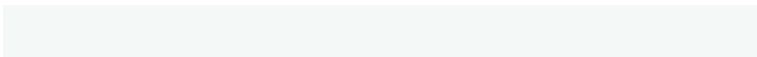
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.0128, 0.3141, 0.3271



93.0128, 0.3163, 0.3299



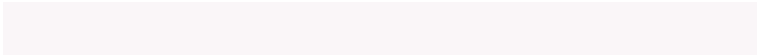
93.0128, 0.3113, 0.3310



93.0128, 0.3092, 0.3282

Sweetspot

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



93.0168, 0.3141, 0.3271

100.0000, 0.3127, 0.3290



92.7775, 0.3116, 0.3251



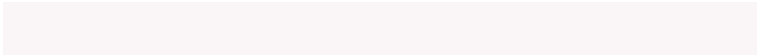
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

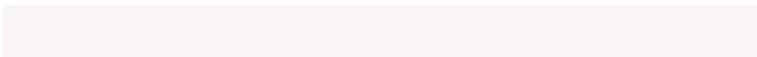
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0168, 0.3141, 0.3271



96.6234, 0.3145, 0.3266



92.8960, 0.3153, 0.3290



19.8335, 0.3144, 0.3267



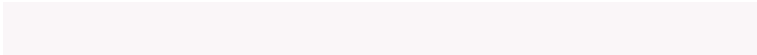
11.5685, 0.4996, 0.2526



1.0928, 0.4725, 0.2377

Inverse Universe

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



93.0168, 0.3141, 0.3271



96.6234, 0.3145, 0.3266



94.8612, 0.3102, 0.3290



19.8335, 0.3144, 0.3267



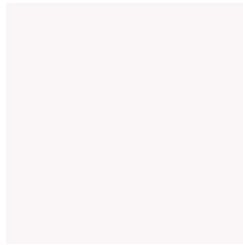
11.5685, 0.4996, 0.2526



1.0928, 0.4725, 0.2377

Previews

White Background



This preview shows how the Yxy color 93.0128, 0.3141, 0.3271 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 93.0128, 0.3141, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

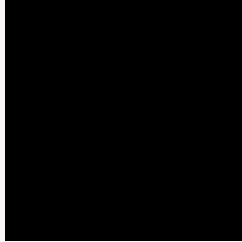
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.0128, 0.3141, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 93.0128, 0.3141, 0.3271.

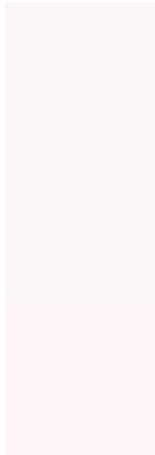


This preview shows how white text looks on a background with the Yxy color 93.0128, 0.3141, 0.3271.

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

93.0128, 0.3141, 0.3271

Protanopia

93.1981, 0.3147, 0.3271

Deuteranopia

92.7387, 0.3174, 0.3252

Tritanopia

92.8488, 0.3100, 0.3193

Trichromacy



Original Color

93.0128, 0.3141, 0.3271

Protanomaly

93.1981, 0.3147, 0.3271

Deuteranomaly

92.9648, 0.3161, 0.3261

Tritanomaly

92.6571, 0.3118, 0.3222

Monochromacy



Original Color

93.0128, 0.3141, 0.3271

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.1934, 0.3134, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0128, 0.3141, 0.3271 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, 246, 248)` looks like.

```
.text, #text, p{  
    color:rgb(250, 246, 248)  
}
```

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, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 246, 248) }
```

Border

The CSS property to change the border of an element to Yxy 93.0128, 0.3141, 0.3271 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, 246, 248) }
```

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

```
.border{ border-color:rgb(250, 246, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(250, 246,  
248) }
```

Background

The CSS property to change the background color of an element to Yxy 93.0128, 0.3141, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 246, 248) }
```

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

```
.background{ background-color: rgb(250,  
246, 248) }
```

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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