

Converting Colors

$Y_{xy}(93.9092, 0.3177, 0.3277)$

Have a look what the booklet for
Yxy(93.9092, 0.3177, 0.3277)
contains.

Yxy(93.8869, 0.3179, 0.3281)	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(93.8869, 0.3179, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6F7
RGB	255, 246, 247
RGB Percent	100%, 96%, 97%
CMY	0.0002, 0.0352, 0.0315
CMYK	0.00, 0.04, 0.03, 0.00
HSL	354°, 99%, 98%
HSV	354°, 4%, 100%
XYZ	90.9681, 93.8869, 101.2983
YIQ	248.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 246, 247
Decimal	16774903
CIE _{Lab}	97.59, 3.15, 0.59
CIE _{LCh}	98, 3.202, 10.705
Yxy	93.8869, 0.3179, 0.3281
Android (android.graphics.Color)	4294964983 (0xFFFFF6F7)
YUV	248.8050, -0.8899, 5.4330
Hunter-Lab	96.8953, -1.9856, 5.8425

Details

The Yxy color 93.8869, 0.3179, 0.3281 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.2455, 0.3078, 0.3299, and the grayscale version is 94.5643, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.5943, 0.3185, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 78.1071, 0.3351, 0.3254, and if you desaturate by 10%, it is 99.9917, 0.3127, 0.3290.

Distribution



Red (100%)

Green (96%)

Blue (97%)



Red (100%)

Yellow (96%)

Blue (97%)



Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.8869, 0.3179, 0.3281 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 93.8869, 0.3179, 0.3281 by changing the saturation by 10% instead.


 93.8869, 0.3179,
0.3281

 93.8869, 0.3179,
0.3281


540.5953, 0.3156,
0.3285

 71.2089, 0.3184,
0.3280


152.7259, 0.3171,
0.3282

 52.5127, 0.3190,
0.3279


189.6557, 0.3168,
0.3283

 37.4139, 0.3198,
0.3278


232.1049, 0.3166,
0.3283

 25.5281, 0.3207,
0.3276

280.4578, 0.3163,
0.3284

 16.4710, 0.3220,
0.3274

335.0990, 0.3161,
0.3284

 9.8580, 0.3237,
0.3270

396.4127, 0.3159,

 5.3049, 0.3262,

0.3285

464.7833, 0.3158,
0.3285

0.3266

■ 2.4273, 0.3303,
0.3258

■ 0.8399, 0.3383,
0.3245

■ 93.8869, 0.3179,
0.3281

■ 93.8869, 0.3179,
0.3281

■ 78.1071, 0.3351,
0.3254

99.9917, 0.3127,
0.3290

■ 64.5317, 0.3566,
0.3226

■ 53.0661, 0.3832,
0.3197

■ 43.6044, 0.4157,
0.3170

■ 36.0313, 0.4544,
0.3148

■ 30.2198, 0.4981,
0.3138

■ 26.0275, 0.5436,
0.3144

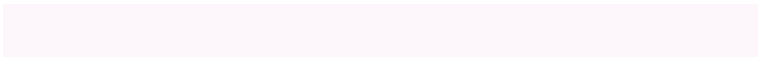
■ 23.2893, 0.5853,
0.3170

■ 21.8053, 0.6168,
0.3215

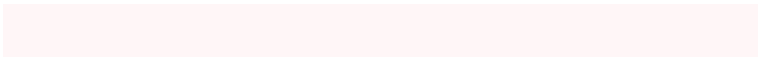
Harmonies

Analogous

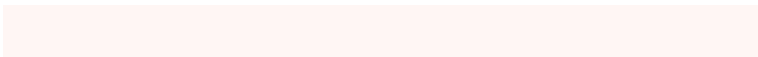
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8869, 0.3149, 0.3252



93.8869, 0.3179, 0.3281



93.8869, 0.3195, 0.3312

Triad

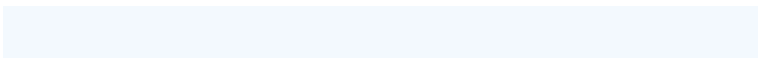
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.8869, 0.3179, 0.3281



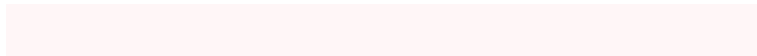
93.8869, 0.3141, 0.3348



93.8869, 0.3062, 0.3242

Complementary

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



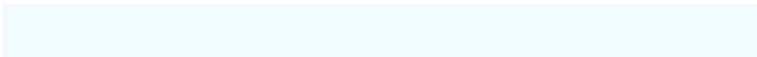
93.8869, 0.3179, 0.3281



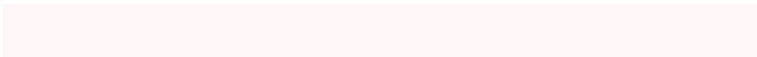
98.2455, 0.3078, 0.3299

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.



93.8869, 0.3060, 0.3268



93.8869, 0.3179, 0.3281



93.8869, 0.3106, 0.3329

Square

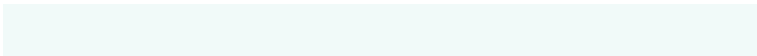
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



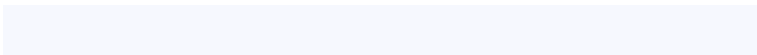
93.8869, 0.3179, 0.3281



93.8869, 0.3173, 0.3351



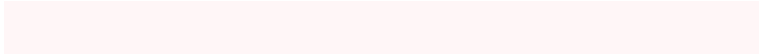
93.8869, 0.3076, 0.3299



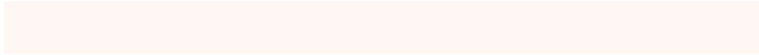
93.8869, 0.3081, 0.3230

Rectangle

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



93.8869, 0.3179, 0.3281



93.8869, 0.3196, 0.3331



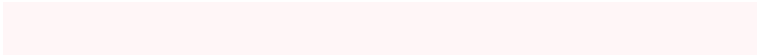
93.8869, 0.3076, 0.3299



93.8869, 0.3059, 0.3249

Sweetspot

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



93.8910, 0.3179, 0.3281



98.2378, 0.3142, 0.3287



94.1975, 0.3125, 0.3204



21.0455, 0.3141, 0.3288



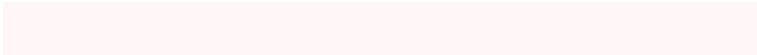
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

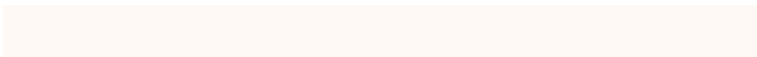
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8910, 0.3179, 0.3281



93.0905, 0.3187, 0.3280



95.9354, 0.3182, 0.3323



19.6559, 0.3198, 0.3278



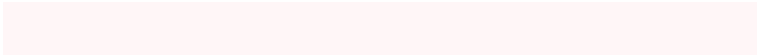
11.1604, 0.6279, 0.3233



1.0964, 0.6057, 0.3111

Inverse Universe

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



93.8910, 0.3179, 0.3281



93.0905, 0.3187, 0.3280



96.1414, 0.3073, 0.3257



19.6559, 0.3198, 0.3278



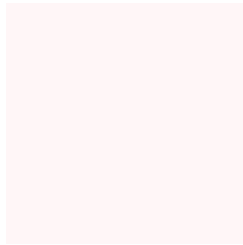
11.1604, 0.6279, 0.3233



1.0964, 0.6057, 0.3111

Previews

White Background



This preview shows how the Yxy color 93.8869, 0.3179, 0.3281 looks on a white background.

Color Contrast Check

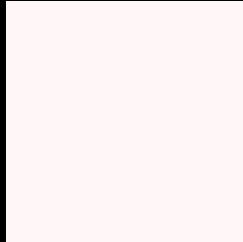
Large Text (above 18pt) WCAG AA × Fail

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 93.8869, 0.3179, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

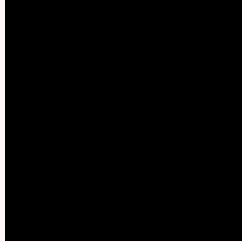
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

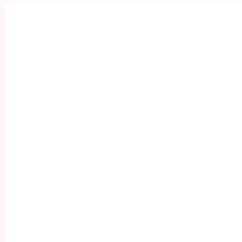
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.8869, 0.3179, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 93.8869, 0.3179, 0.3281.



This preview shows how white text looks on a background with the Yxy color 93.8869, 0.3179, 0.3281.

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

93.8869, 0.3179, 0.3281

Protanopia

93.9324, 0.3159, 0.3290

Deuteranopia

93.9488, 0.3173, 0.3271

Tritanopia

93.8270, 0.3112, 0.3203

Trichromacy



Original Color

93.8869, 0.3179, 0.3281

Protanomaly

94.1196, 0.3166, 0.3290

Deuteranomaly

93.9488, 0.3173, 0.3271

Tritanomaly

93.8225, 0.3136, 0.3232

Monochromacy



Original Color

93.8869, 0.3179, 0.3281

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.4213, 0.3146, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8869, 0.3179, 0.3281 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(255, 246, 247) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 247)  
}
```

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(255, 246, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 247) }
```

Border

The CSS property to change the border of an element to Yxy 93.8869, 0.3179, 0.3281 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(255, 246, 247) }
```

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

```
.border{ border-color:rgb(255, 246, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 246, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 246, 247); box-shadow:4px 4px 4px 4px rgb(255, 246, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8869, 0.3179, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 247) }
```

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

```
.background{ background-color: rgb(255,  
246, 247) }
```

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