

Converting Colors

$Y_{xy}(100.0000, 0.3364, 0.3278)$

Have a look what the booklet for
Yxy(100.0000, 0.3364, 0.3278)
contains.

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Color

Yxy(93.9488, 0.3173, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6F8
RGB	255, 246, 248
RGB Percent	100%, 96%, 97%
CMY	0.0001, 0.0352, 0.0275
CMYK	0.00, 0.04, 0.03, 0.00
HSL	347°, 100%, 98%
HSV	347°, 4%, 100%
XYZ	91.1341, 93.9488, 102.1345
YIQ	248.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

Format	Color
RYB	255, 246, 248
Decimal	16774904
CIELab	97.61, 3.34, 0.10
CIElCh	98, 3.340, 1.751
Yxy	93.9488, 0.3173, 0.3271
Android (android.graphics.Color)	4294964984 (0xFFFFF6F8)
YUV	248.9190, -0.4531, 5.3330
Hunter-Lab	96.9272, -1.7911, 5.3737

Details

The Yxy color 93.9488, 0.3173, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.1972, 0.3083, 0.3309, and the grayscale version is 94.6633, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.6384, 0.3178, 0.3266 is the 20% darker color. If you saturate the color by 10%, you get 78.3227, 0.3324, 0.3214, and if you desaturate by 10%, it is 99.9972, 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 93.9488, 0.3173, 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 93.9488, 0.3173, 0.3271 by changing the saturation by 10% instead.

 93.9488, 0.3173,
0.3271

 93.9488, 0.3173,
0.3271

540.7942, 0.3153,
0.3280

 71.2604, 0.3177,
0.3269


152.8115, 0.3166,
0.3274

 52.5547, 0.3183,
0.3267


189.7546, 0.3163,
0.3275

 37.4474, 0.3189,
0.3264


232.2181, 0.3161,
0.3276

 25.5541, 0.3198,
0.3261

280.5862, 0.3159,
0.3277

 16.4904, 0.3209,
0.3256

335.2435, 0.3157,
0.3278

 9.8718, 0.3224,
0.3249

396.5744, 0.3156,

 5.3140, 0.3247,

0.3278

0.3240

464.9631, 0.3154,
0.3279

■ 2.4327, 0.3282,
0.3225

■ 0.8426, 0.3350,
0.3197

■ 93.9488, 0.3173,
0.3271

■ 93.9488, 0.3173,
0.3271

■ 78.3227, 0.3324,
0.3214

99.9972, 0.3127,
0.3290

■ 64.8622, 0.3510,
0.3155

■ 53.4751, 0.3740,
0.3094

■ 44.0579, 0.4019,
0.3035

■ 36.4978, 0.4350,
0.2986

■ 30.6711, 0.4729,
0.2954

■ 26.4384, 0.5136,
0.2950

■ 23.6388, 0.5536,
0.2983

■ 22.0770, 0.5881,
0.3054

Harmonies

Analogous

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



93.9488, 0.3139, 0.3243



93.9488, 0.3173, 0.3271



93.9488, 0.3195, 0.3304

Triad

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



93.9488, 0.3173, 0.3271



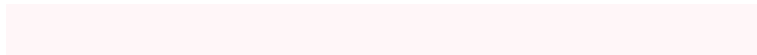
93.9488, 0.3153, 0.3353



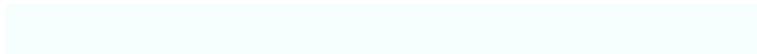
93.9488, 0.3056, 0.3247

Complementary

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



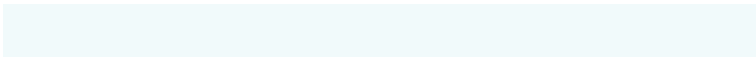
93.9488, 0.3173, 0.3271



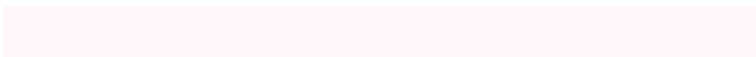
98.1972, 0.3083, 0.3309

Split Complementary

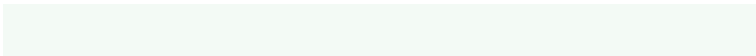
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9488, 0.3060, 0.3276



93.9488, 0.3173, 0.3271



93.9488, 0.3115, 0.3338

Square

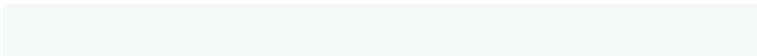
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



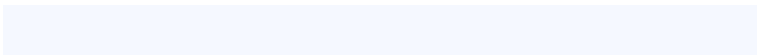
93.9488, 0.3173, 0.3271



93.9488, 0.3183, 0.3351



93.9488, 0.3082, 0.3309



93.9488, 0.3071, 0.3229

Rectangle

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



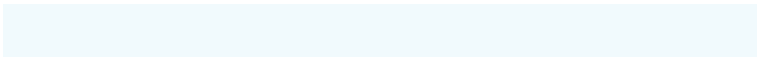
93.9488, 0.3173, 0.3271



93.9488, 0.3200, 0.3324



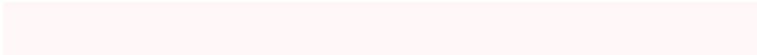
93.9488, 0.3082, 0.3309



93.9488, 0.3055, 0.3256

Sweetspot

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



93.9529, 0.3173, 0.3271



98.2566, 0.3140, 0.3285



93.9998, 0.3118, 0.3204



21.0493, 0.3139, 0.3285



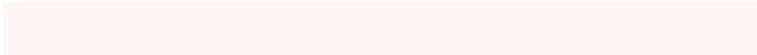
0.0000, 0.0000, 0.0000



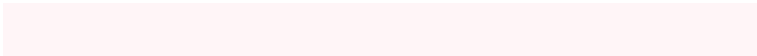
21.4041, 0.3127, 0.3290

Same Dimension

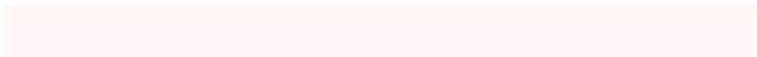
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9529, 0.3173, 0.3271



93.1628, 0.3180, 0.3268



95.2955, 0.3183, 0.3313



19.6741, 0.3190, 0.3264



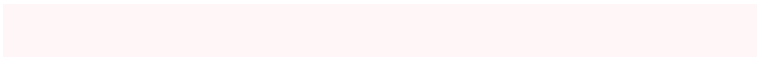
11.2784, 0.6021, 0.3091



1.1136, 0.5715, 0.2922

Inverse Universe

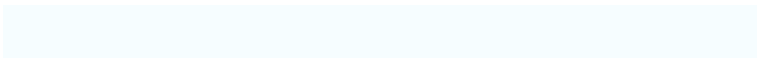
The Inverse Universe completely reimagines the original color for something new.



93.9529, 0.3173, 0.3271



93.1628, 0.3180, 0.3268



96.8073, 0.3073, 0.3267



19.6741, 0.3190, 0.3264



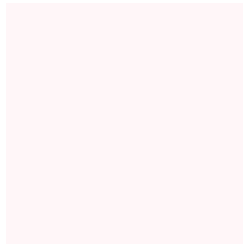
11.2784, 0.6021, 0.3091



1.1136, 0.5715, 0.2922

Previews

White Background



This preview shows how the Yxy color 93.9488, 0.3173, 0.3271 looks on a white background.

Color Contrast Check

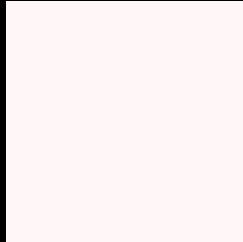
Large Text (above 18pt) WCAG AA × Fail

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 93.9488, 0.3173, 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 93.9488, 0.3173, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 93.9488, 0.3173, 0.3271.



This preview shows how white text looks on a background with the Yxy color 93.9488, 0.3173, 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

93.9488, 0.3173, 0.3271

Protanopia

93.9943, 0.3153, 0.3280

Deuteranopia

93.9488, 0.3173, 0.3271

Tritanopia

93.8270, 0.3112, 0.3203

Trichromacy



Original Color

93.9488, 0.3173, 0.3271

Protanomaly

94.1815, 0.3160, 0.3280

Deuteranomaly

93.9488, 0.3173, 0.3271

Tritanomaly

93.8225, 0.3136, 0.3232

Monochromacy



Original Color

93.9488, 0.3173, 0.3271



Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.4836, 0.3140, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9488, 0.3173, 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(255, 246, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 248) }
```

Border

The CSS property to change the border of an element to Yxy 93.9488, 0.3173, 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(255, 246, 248) }
```

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

```
.border{ border-color:rgb(255, 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(255, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9488, 0.3173, 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(255, 246, 248) }
```

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

```
.background{ background-color: rgb(255,  
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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