

Converting Colors

$Yxy(93.0812, 0.3167, 0.3282)$

Have a look what the booklet for
Yxy(93.0812, 0.3167, 0.3282)
contains.

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Color

Yxy(93.2608, 0.3166, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	FCF6F6
RGB	252, 246, 246
RGB Percent	99%, 96%, 96%
CMY	0.0116, 0.0353, 0.0353
CMYK	0.00, 0.02, 0.02, 0.01
HSL	360°, 51%, 98%
HSV	360°, 2%, 99%
XYZ	89.7458, 93.2608, 100.4609
YIQ	247.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

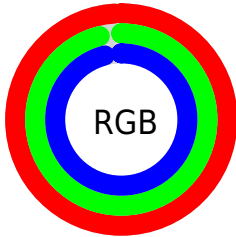
Format	Color
R _Y B	252, 246, 246
Decimal	16578294
CIE Lab	97.33, 2.02, 0.70
CIE LCh	97, 2.137, 19.061
Yxy	93.2608, 0.3166, 0.3290
Android (android.graphics.Color)	4294768374 (0xFFFCF6F6)
YUV	247.7940, -0.8844, 3.6887
Hunter-Lab	96.5716, -3.1170, 5.9223

Details

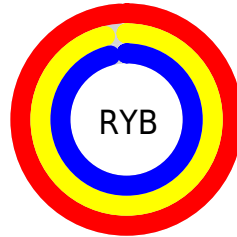
The Yxy color 93.2608, 0.3166, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.2681, 0.3090, 0.3290, and the grayscale version is 93.7043, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.1467, 0.3168, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 77.5168, 0.3353, 0.3290, and if you desaturate by 10%, it is 99.4430, 0.3109, 0.3290.

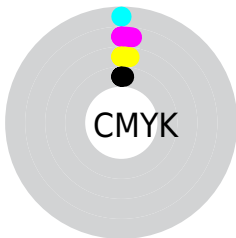
Distribution



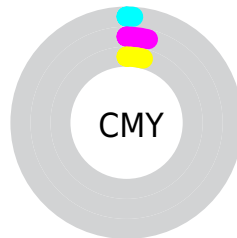
- Red (99%)
- Green (96%)
- Blue (96%)



- Red (99%)
- Yellow (96%)
- Blue (96%)



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





- Cyan (1%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2608, 0.3166, 0.3290 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 93.2608, 0.3166, 0.3290 by changing the saturation by 10% instead.

 93.2608, 0.3166,
0.3290

 93.2608, 0.3166,
0.3290


538.5820, 0.3149,
0.3290

 70.6883, 0.3170,
0.3290

151.8596, 0.3160,
0.3290

 52.0879, 0.3174,
0.3290


188.6547, 0.3158,
0.3290

 37.0751, 0.3180,
0.3290


230.9595, 0.3156,
0.3290

 25.2657, 0.3187,
0.3290

279.1583, 0.3154,
0.3290

 16.2751, 0.3197,
0.3290

333.6356, 0.3153,
0.3290

 9.7190, 0.3210,
0.3290

394.7757, 0.3151,

 5.2131, 0.3229,

0.3290

0.3289

462.9630, 0.3150,
0.3290

■ 2.3728, 0.3259,
0.3289

■ 0.8118, 0.3326,
0.3290

■ 93.2608, 0.3166,
0.3290

■ 93.2608, 0.3166,
0.3290

■ 77.5168, 0.3353,
0.3290

■ 99.4430, 0.3109,
0.3290

■ 63.9668, 0.3587,
0.3290

■ 52.5172, 0.3879,
0.3291

■ 43.0630, 0.4238,
0.3292

■ 35.4899, 0.4664,
0.3293

■ 29.6723, 0.5139,
0.3294

■ 25.4693, 0.5618,
0.3295

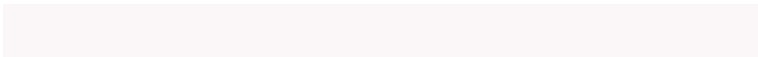
■ 22.7184, 0.6029,
0.3297

■ 21.2229, 0.6297,
0.3299

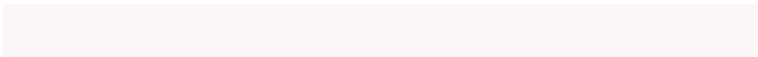
Harmonies

Analogous

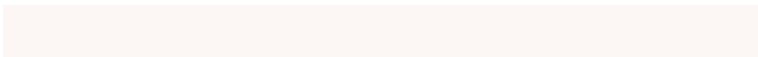
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2608, 0.3148, 0.3270



93.2608, 0.3166, 0.3290



93.2608, 0.3174, 0.3310

Triad

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



93.2608, 0.3166, 0.3290



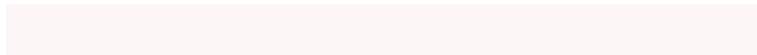
93.2608, 0.3130, 0.3326



93.2608, 0.3086, 0.3255

Complementary

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



93.2608, 0.3166, 0.3290



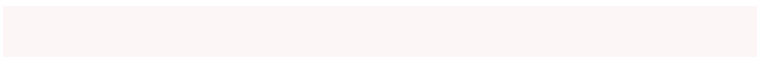
96.2681, 0.3090, 0.3290

Split Complementary

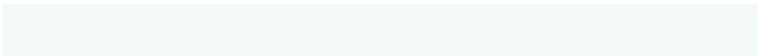
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2608, 0.3081, 0.3270



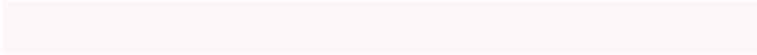
93.2608, 0.3166, 0.3290



93.2608, 0.3107, 0.3311

Square

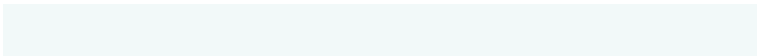
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



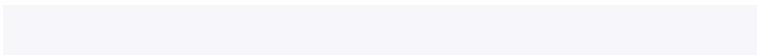
93.2608, 0.3166, 0.3290



93.2608, 0.3153, 0.3331



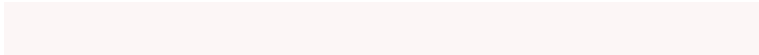
93.2608, 0.3089, 0.3290



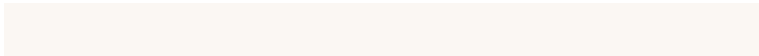
93.2608, 0.3102, 0.3249

Rectangle

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



93.2608, 0.3166, 0.3290



93.2608, 0.3172, 0.3321



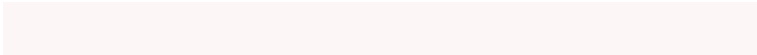
93.2608, 0.3089, 0.3290



93.2608, 0.3083, 0.3259

Sweetspot

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



93.2648, 0.3166, 0.3290



98.2209, 0.3143, 0.3290



93.6228, 0.3129, 0.3232



21.0421, 0.3142, 0.3290



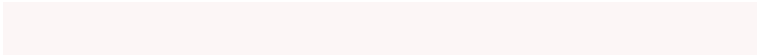
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

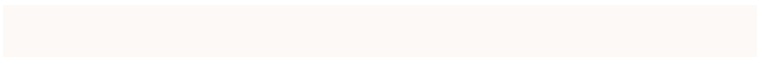
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2648, 0.3166, 0.3290



94.7335, 0.3176, 0.3290



95.0561, 0.3164, 0.3318



19.1327, 0.3190, 0.3290



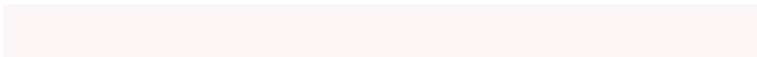
10.7811, 0.6399, 0.3299



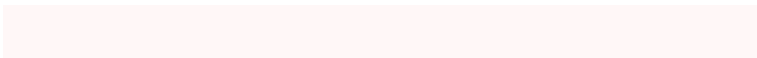
0.9987, 0.6395, 0.3297

Inverse Universe

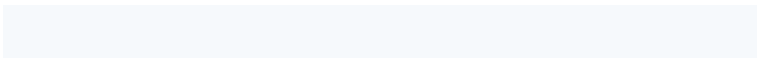
The Inverse Universe completely reimagines the original color for something new.



93.2648, 0.3166, 0.3290



94.7335, 0.3176, 0.3290



94.4468, 0.3090, 0.3261



19.1327, 0.3190, 0.3290



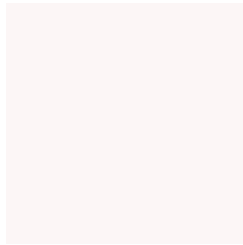
10.7811, 0.6399, 0.3299



0.9987, 0.6395, 0.3297

Previews

White Background



This preview shows how the Yxy color 93.2608, 0.3166, 0.3290 looks on a white background.

Color Contrast Check

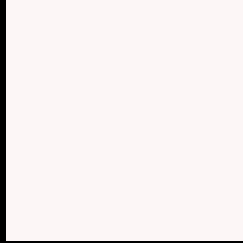
Large Text (above 18pt) WCAG AA × Fail

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 93.2608, 0.3166, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

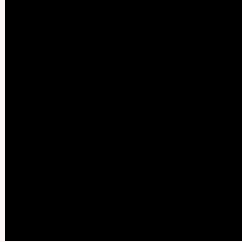
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

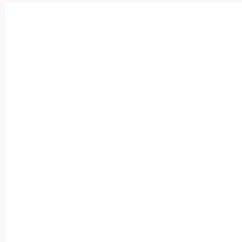
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2608, 0.3166, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 93.2608, 0.3166, 0.3290.



This preview shows how white text looks on a background with the Yxy color 93.2608, 0.3166, 0.3290.

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

93.2608, 0.3166, 0.3290

Protanopia

93.2608, 0.3166, 0.3290

Deuteranopia

93.2802, 0.3180, 0.3271



Tritanopia

93.0340, 0.3106, 0.3194

Trichromacy



Original Color

93.2608, 0.3166, 0.3290

Protanomaly

93.2608, 0.3166, 0.3290

Deuteranomaly

93.0910, 0.3173, 0.3271

Tritanomaly

92.8423, 0.3124, 0.3222

Monochromacy



Original Color

93.2608, 0.3166, 0.3290

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.3767, 0.3140, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2608, 0.3166, 0.3290 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(252, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(252, 246, 246)  
}
```

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(252, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 246, 246) }
```

Border

The CSS property to change the border of an element to Yxy 93.2608, 0.3166, 0.3290 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(252, 246, 246) }
```

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

```
.border{ border-color:rgb(252, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(252, 246,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2608, 0.3166, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 246, 246) }
```

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

```
.background{ background-color: rgb(252,  
246, 246) }
```

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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