

# Converting Colors

$Yxy(93.0165, 0.3160, 0.3299)$

Have a look what the booklet for  
Yxy(93.0165, 0.3160, 0.3299)  
contains.

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# Color

**Yxy(92.8281, 0.3159, 0.3300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF6F5
RGB	250, 246, 245
RGB Percent	98%, 96%, 96%
CMY	0.0196, 0.0353, 0.0393
CMYK	0.00, 0.02, 0.02, 0.02
HSL	12°, 33%, 97%
HSV	12°, 2%, 98%
XYZ	88.8618, 92.8281, 99.6074
YIQ	247.0820, 2.7050, 0.5370

# Conversions

## Conversions Part 2

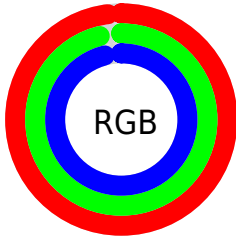
Format	Color
R <sub>Y</sub> B	250, 246, 245
Decimal	16447221
CIE Lab	97.16, 1.16, 0.95
CIE LCh	97, 1.499, 39.244
Yxy	92.8281, 0.3159, 0.3300
Android (android.graphics.Color)	4294637301 (0xFFFAF6F5)
YUV	247.0820, -1.0264, 2.5591
Hunter-Lab	96.3473, -3.9761, 6.1470

# Details

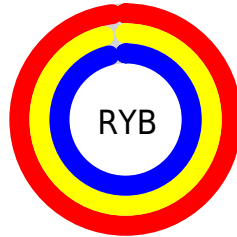
The Yxy color 92.8281, 0.3159, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.0581, 0.3096, 0.3280, and the grayscale version is 93.0918, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.9704, 0.3168, 0.3303 is the 20% darker color. If you saturate the color by 10%, you get 79.9268, 0.3337, 0.3352, and if you desaturate by 10%, it is 99.0658, 0.3096, 0.3290.

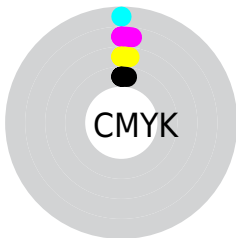
# Distribution



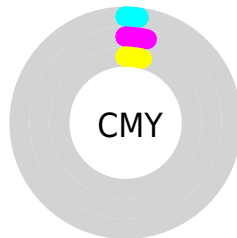
- Red (98%)
- Green (96%)
- Blue (96%)



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



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




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

# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8281, 0.3159, 0.3300 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 92.8281, 0.3159, 0.3300 by changing the saturation by 10% instead.



 92.8281, 0.3159,  
0.3300

 92.8281, 0.3159,  
0.3300


537.1882, 0.3145,  
0.3296

 70.3286, 0.3162,  
0.3301


151.2606, 0.3154,  
0.3299

 51.7945, 0.3166,  
0.3302


187.9624, 0.3152,  
0.3298

 36.8413, 0.3170,  
0.3303


230.1672, 0.3151,  
0.3297

 25.0846, 0.3176,  
0.3305

278.2592, 0.3149,  
0.3297

 16.1401, 0.3184,  
0.3308

332.6229, 0.3148,  
0.3297

 9.6234, 0.3195,  
0.3311

393.6427, 0.3147,

 5.1500, 0.3211,

0.3296

0.3316

461.7031, 0.3146,  
0.3296

■ 2.3355, 0.3236,  
0.3323

■ 0.7924, 0.3297,  
0.3343

■ 92.8281, 0.3159,  
0.3300

■ 92.8281, 0.3159,  
0.3300

■ 79.9268, 0.3337,  
0.3352

■ 99.0658, 0.3096,  
0.3290

■ 68.4793, 0.3553,  
0.3408

■ 58.4381, 0.3812,  
0.3465

■ 49.7482, 0.4121,  
0.3521

■ 42.3514, 0.4480,  
0.3570

■ 36.1849, 0.4881,  
0.3603

■ 31.1806, 0.5299,  
0.3612

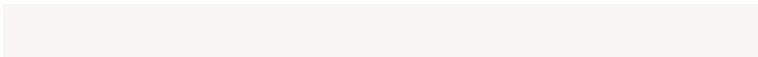
■ 27.2635, 0.5694,  
0.3587

■ 24.3491, 0.6015,  
0.3526

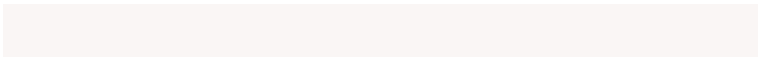
# Harmonies

## Analogous

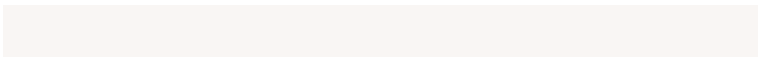
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8281, 0.3151, 0.3285



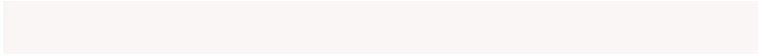
92.8281, 0.3159, 0.3300



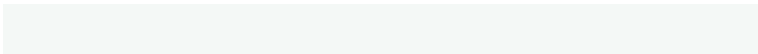
92.8281, 0.3158, 0.3312

# Triad

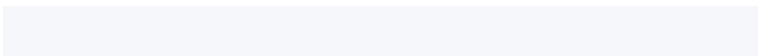
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.8281, 0.3159, 0.3300



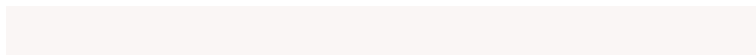
92.8281, 0.3118, 0.3309



92.8281, 0.3105, 0.3262

# Complementary

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



92.8281, 0.3159, 0.3300



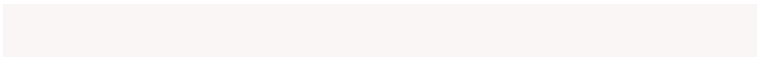
94.0581, 0.3096, 0.3280

# Split Complementary

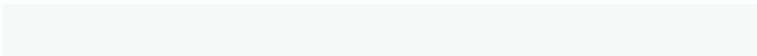
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8281, 0.3096, 0.3268



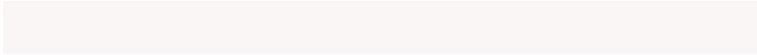
92.8281, 0.3159, 0.3300



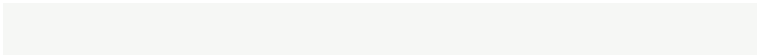
92.8281, 0.3104, 0.3295

# Square

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



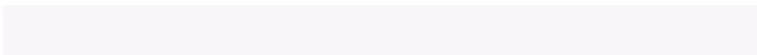
92.8281, 0.3159, 0.3300



92.8281, 0.3135, 0.3317



92.8281, 0.3096, 0.3280



92.8281, 0.3120, 0.3263



# Rectangle

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



92.8281, 0.3159, 0.3300



92.8281, 0.3153, 0.3317



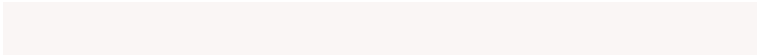
92.8281, 0.3096, 0.3280



92.8281, 0.3101, 0.3263

# Sweetspot

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



92.8321, 0.3159, 0.3300



98.5468, 0.3143, 0.3295



92.4618, 0.3135, 0.3251



21.1084, 0.3142, 0.3295



0.0000, 0.0000, 0.0000

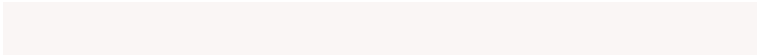


21.4041, 0.3127, 0.3290



# Same Dimension

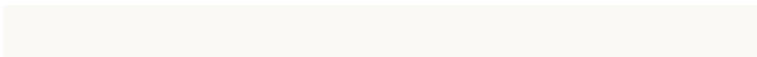
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8321, 0.3159, 0.3300



97.1095, 0.3159, 0.3300



94.3618, 0.3158, 0.3324



19.9281, 0.3157, 0.3299



12.1851, 0.6173, 0.3480



1.2716, 0.5956, 0.3653



# Inverse Universe

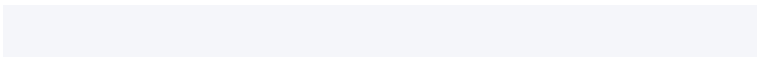
The Inverse Universe completely reimagines the original color for something new.



94.0581, 0.3096, 0.3280



98.3871, 0.3096, 0.3280



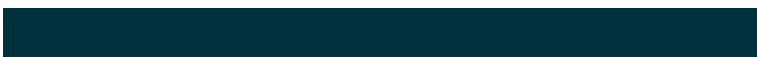
92.5244, 0.3097, 0.3256



20.1765, 0.3098, 0.3281



25.6058, 0.2062, 0.2624

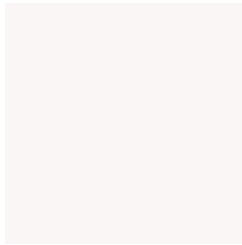


2.5176, 0.2087, 0.2712



# Previews

## White Background



This preview shows how the Yxy color 92.8281, 0.3159, 0.3300 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 92.8281, 0.3159, 0.3300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

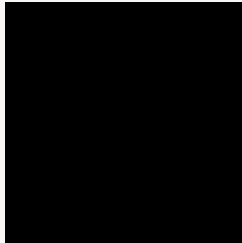
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 92.8281, 0.3159, 0.3300**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.8281, 0.3159, 0.3300.

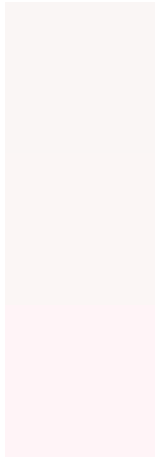


This preview shows how white text looks on a background with the Yxy color 92.8281, 0.3159, 0.3300.

# 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

92.8281, 0.3159, 0.3300

### Protanopia

93.0133, 0.3165, 0.3300

### Deuteranopia

92.6768, 0.3180, 0.3261



## Tritanopia

92.8488, 0.3100, 0.3193

# Trichromacy



**Original Color**

92.8281, 0.3159, 0.3300

**Protanomaly**

93.0133, 0.3165, 0.3300

**Deuteranomaly**

92.8413, 0.3173, 0.3280

**Tritanomaly**

92.5938, 0.3123, 0.3232

# Monochromacy



**Original Color**

92.8281, 0.3159, 0.3300

**Achromatopsia**

93.0111, 0.3127, 0.3290

**Achromatomaly**

93.1318, 0.3139, 0.3300

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.8281, 0.3159, 0.3300 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 246, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 246, 245) }
```

## Border

The CSS property to change the border of an element to Yxy 92.8281, 0.3159, 0.3300 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, 245) }
```

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

```
.border{ border-color:rgb(250, 246, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 246,  
245) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.8281, 0.3159, 0.3300 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, 245) }
```

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

```
.background{ background-color: rgb(250,  
246, 245) }
```

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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