

Converting Colors

$Y_{xy}(93.4934, 0.3155, 0.3306)$

Have a look what the booklet for
Yxy(93.4934, 0.3155, 0.3306)
contains.

Yxy(93.4381, 0.3158, 0.3310)	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(93.4381, 0.3158, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	FAF7F5
RGB	250, 247, 245
RGB Percent	98%, 97%, 96%
CMY	0.0198, 0.0313, 0.0393
CMYK	0.00, 0.01, 0.02, 0.02
HSL	25°, 33%, 97%
HSV	25°, 2%, 98%
XYZ	89.1473, 93.4381, 99.7049
YIQ	247.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

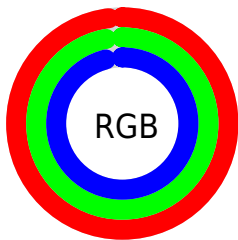
Format	Color
R _Y B	250, 248, 245
Decimal	16447477
CIE Lab	97.41, 0.62, 1.31
CIE LCh	97, 1.450, 64.772
Yxy	93.4381, 0.3158, 0.3310
Android (android.graphics.Color)	4294637557 (0xFFFAF7F5)
YUV	247.6690, -1.3158, 2.0443
Hunter-Lab	96.6634, -4.5403, 6.5088

Details

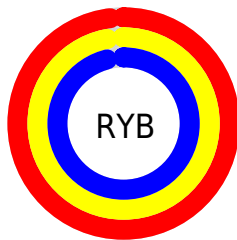
The Yxy color 93.4381, 0.3158, 0.3310 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.3753, 0.3097, 0.3270, and the grayscale version is 93.5898, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.4051, 0.3167, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 83.3905, 0.3329, 0.3415, and if you desaturate by 10%, it is 99.0528, 0.3096, 0.3290.

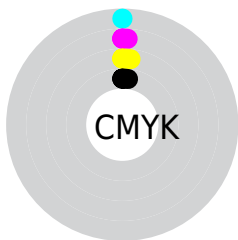
Distribution



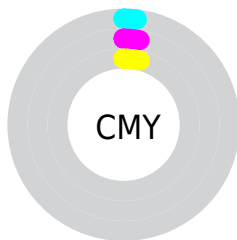
- Red (98%)
- Green (97%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.4381, 0.3158, 0.3310 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 93.4381, 0.3158, 0.3310 by changing the saturation by 10% instead.


 93.4381, 0.3158,
0.3310

 93.4381, 0.3158,
0.3310


539.1525, 0.3144,
0.3301

 70.8357, 0.3161,
0.3312


152.1050, 0.3153,
0.3307

 52.2081, 0.3165,
0.3314


188.9383, 0.3152,
0.3306

 37.1710, 0.3169,
0.3317


231.2840, 0.3150,
0.3305

 25.3399, 0.3175,
0.3321

279.5265, 0.3149,
0.3304

 16.3305, 0.3182,
0.3326

334.0502, 0.3147,
0.3303

 9.7583, 0.3193,
0.3332

395.2395, 0.3146,

 5.2390, 0.3208,

0.3302

0.3342

463.4789, 0.3145,
0.3302

■ 2.3882, 0.3232,
0.3357

■ 0.8198, 0.3289,
0.3395

■ 93.4381, 0.3158,
0.3310

■ 93.4381, 0.3158,
0.3310

■ 83.3905, 0.3329,
0.3415

■ 99.0528, 0.3096,
0.3290

■ 74.2273, 0.3527,
0.3526

■ 65.9268, 0.3755,
0.3640

■ 58.4624, 0.4016,
0.3752

■ 51.8056, 0.4306,
0.3855

■ 45.9262, 0.4618,
0.3937

■ 40.7919, 0.4938,
0.3986

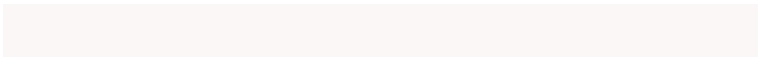
■ 36.3672, 0.5244,
0.3989

■ 32.6125, 0.5513,
0.3938

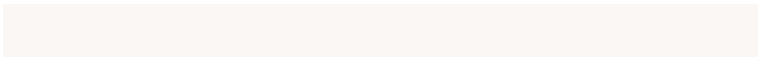
Harmonies

Analogous

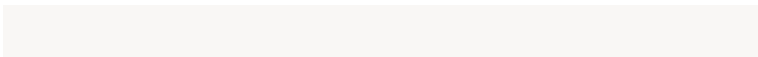
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4381, 0.3157, 0.3298



93.4381, 0.3158, 0.3310



93.4381, 0.3151, 0.3317

Triad

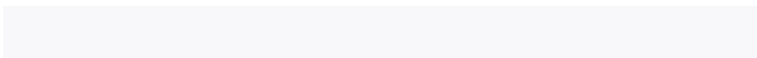
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.4381, 0.3158, 0.3310



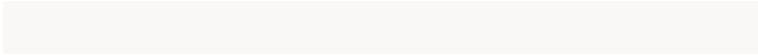
93.4381, 0.3106, 0.3297



93.4381, 0.3118, 0.3264

Complementary

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



93.4381, 0.3158, 0.3310



93.3753, 0.3097, 0.3270

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.



93.4381, 0.3104, 0.3263



93.4381, 0.3158, 0.3310



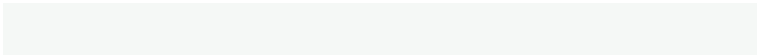
93.4381, 0.3097, 0.3283

Square

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



93.4381, 0.3158, 0.3310



93.4381, 0.3121, 0.3310



93.4381, 0.3097, 0.3270



93.4381, 0.3134, 0.3271

Rectangle

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



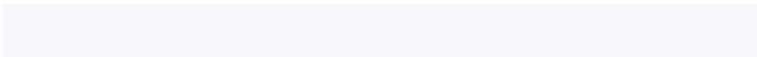
93.4381, 0.3158, 0.3310



93.4381, 0.3142, 0.3318



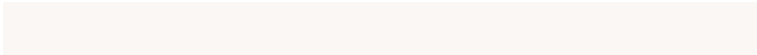
93.4381, 0.3097, 0.3270



93.4381, 0.3113, 0.3263

Sweetspot

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



93.4421, 0.3158, 0.3310



98.8852, 0.3143, 0.3300



92.3796, 0.3141, 0.3261



21.1773, 0.3142, 0.3300



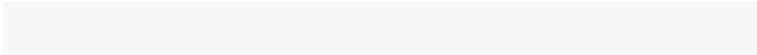
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

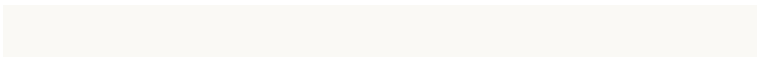
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4421, 0.3158, 0.3310



97.7801, 0.3158, 0.3310



94.9300, 0.3157, 0.3333



20.0585, 0.3157, 0.3309



16.2152, 0.5663, 0.3886



1.7051, 0.5448, 0.4056

Inverse Universe

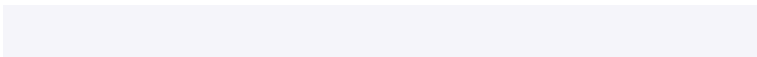
The Inverse Universe completely reimagines the original color for something new.



93.3753, 0.3097, 0.3270



97.7095, 0.3096, 0.3270



91.8998, 0.3098, 0.3246



20.0448, 0.3098, 0.3271



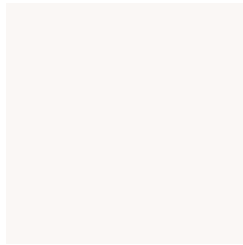
14.9862, 0.1855, 0.1876



1.5969, 0.1906, 0.2061

Previews

White Background



This preview shows how the Yxy color 93.4381, 0.3158, 0.3310 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 93.4381, 0.3158, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

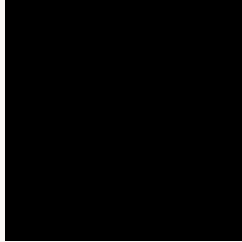
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

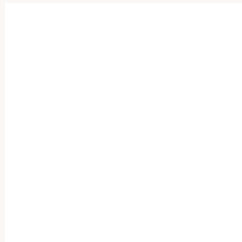
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.4381, 0.3158, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 93.4381, 0.3158, 0.3310.

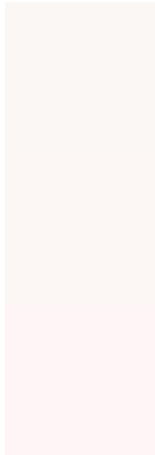


This preview shows how white text looks on a background with the Yxy color 93.4381, 0.3158, 0.3310.

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

93.4381, 0.3158, 0.3310

Protanopia

93.1996, 0.3172, 0.3300

Deuteranopia

93.2802, 0.3180, 0.3271

Tritanopia

93.4555, 0.3099, 0.3203

Trichromacy



Original Color

93.4381, 0.3158, 0.3310

Protanomaly

93.0133, 0.3165, 0.3300

Deuteranomaly

93.4480, 0.3172, 0.3290

Tritanomaly

93.2006, 0.3123, 0.3242

Monochromacy



Original Color

93.4381, 0.3158, 0.3310

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9899, 0.3139, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4381, 0.3158, 0.3310 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, 247, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 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, 247, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 245) }
```

Border

The CSS property to change the border of an element to Yxy 93.4381, 0.3158, 0.3310 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, 247, 245) }
```

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

```
.border{ border-color:rgb(250, 247, 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, 247, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4381, 0.3158, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 245) }
```

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

```
.background{ background-color: rgb(250,  
247, 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](#).

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