

Converting Colors

$Yxy(94.0557, 0.3174, 0.3319)$

Have a look what the booklet for
Yxy(94.0557, 0.3174, 0.3319)
contains.

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Color

Yxy(93.7486, 0.3177, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	FCF7F4
RGB	252, 247, 244
RGB Percent	99%, 97%, 96%
CMY	0.0118, 0.0314, 0.0430
CMYK	0.00, 0.02, 0.03, 0.01
HSL	22°, 57%, 97%
HSV	22°, 3%, 99%
XYZ	89.7377, 93.7486, 98.9741
YIQ	248.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

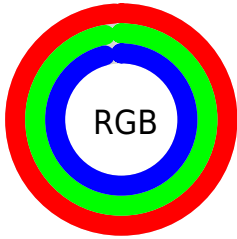
Format	Color
R _Y B	252, 249, 244
Decimal	16578548
CIE Lab	97.53, 1.16, 2.00
CIE LCh	98, 2.312, 60.035
Yxy	93.7486, 0.3177, 0.3319
Android (android.graphics.Color)	4294768628 (0xFFFCF7F4)
YUV	248.1530, -2.0474, 3.3738
Hunter-Lab	96.8239, -4.0055, 7.1700

Details

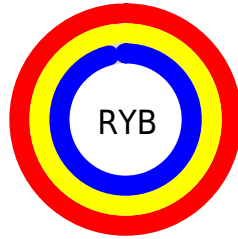
The Yxy color 93.7486, 0.3177, 0.3319 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.0328, 0.3078, 0.3261, and the grayscale version is 94.0194, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.4945, 0.3183, 0.3327 is the 20% darker color. If you saturate the color by 10%, you get 83.0705, 0.3352, 0.3415, and if you desaturate by 10%, it is 99.4356, 0.3109, 0.3290.

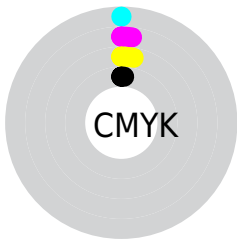
Distribution



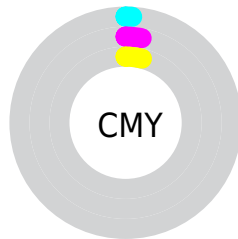
- Red (99%)
- Green (97%)
- Blue (96%)



- Red (99%)
- Yellow (98%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (1%)




- Cyan (1%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7486, 0.3177, 0.3319 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 93.7486, 0.3177, 0.3319 by changing the saturation by 10% instead.


 93.7486, 0.3177,
0.3319

 93.7486, 0.3177,
0.3319


540.1510, 0.3155,
0.3306

 71.0939, 0.3182,
0.3322


152.5346, 0.3170,
0.3315

 52.4188, 0.3188,
0.3325

189.4347, 0.3167,
0.3313

 37.3390, 0.3195,
0.3329


231.8520, 0.3164,
0.3312

 25.4701, 0.3204,
0.3335

280.1709, 0.3162,
0.3310

 16.4276, 0.3216,
0.3341

334.7759, 0.3160,
0.3309

 9.8273, 0.3233,
0.3351

396.0513, 0.3158,

 5.2846, 0.3257,

0.3308

464.3815, 0.3156,
0.3307

0.3365

■ 2.4152, 0.3296,
0.3386

■ 0.8337, 0.3388,
0.3442

■ 93.7486, 0.3177,
0.3319

■ 93.7486, 0.3177,
0.3319

■ 83.0705, 0.3352,
0.3415

■ 99.4356, 0.3109,
0.3290

■ 73.3872, 0.3558,
0.3516

■ 64.6728, 0.3796,
0.3620

■ 56.8958, 0.4070,
0.3721

■ 50.0227, 0.4376,
0.3812

■ 44.0180, 0.4707,
0.3882

■ 38.8434, 0.5047,
0.3917

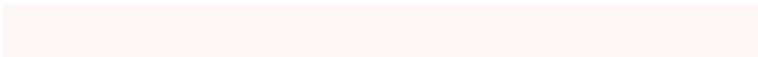
■ 34.4569, 0.5370,
0.3906

■ 30.8117, 0.5647,
0.3842

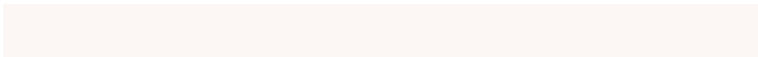
Harmonies

Analogous

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



93.7486, 0.3174, 0.3298



93.7486, 0.3177, 0.3319



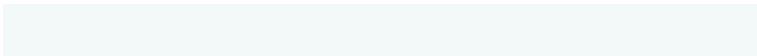
93.7486, 0.3167, 0.3332

Triad

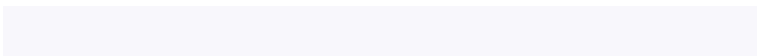
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7486, 0.3177, 0.3319



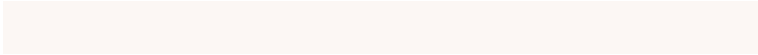
93.7486, 0.3097, 0.3305



93.7486, 0.3108, 0.3247

Complementary

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



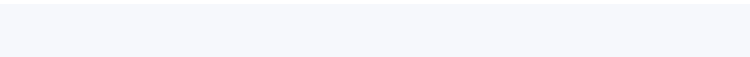
93.7486, 0.3177, 0.3319



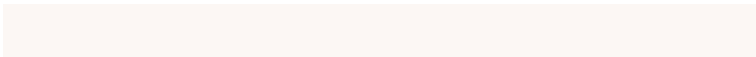
94.0328, 0.3078, 0.3261

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.



93.7486, 0.3088, 0.3248



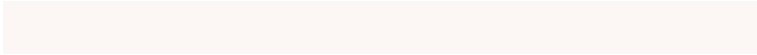
93.7486, 0.3177, 0.3319



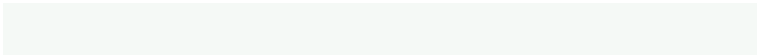
93.7486, 0.3081, 0.3282

Square

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



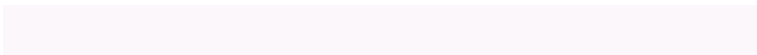
93.7486, 0.3177, 0.3319



93.7486, 0.3121, 0.3324



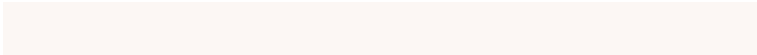
93.7486, 0.3078, 0.3261



93.7486, 0.3134, 0.3257

Rectangle

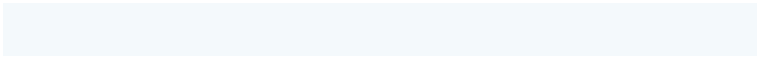
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



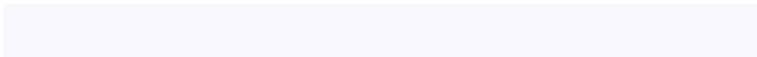
93.7486, 0.3177, 0.3319



93.7486, 0.3154, 0.3335



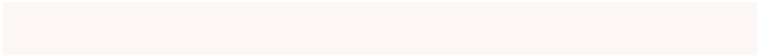
93.7486, 0.3078, 0.3261



93.7486, 0.3100, 0.3246

Sweetspot

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



93.7527, 0.3177, 0.3319



98.8214, 0.3143, 0.3299



92.2579, 0.3148, 0.3241



21.1643, 0.3142, 0.3299



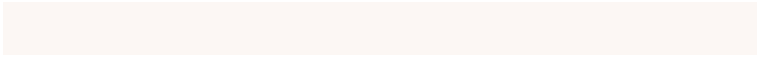
0.0000, 0.0000, 0.0000



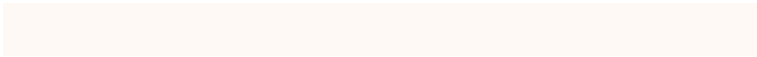
21.4041, 0.3127, 0.3290

Same Dimension

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



93.7527, 0.3177, 0.3319



95.3493, 0.3191, 0.3327



96.1842, 0.3174, 0.3357



19.3641, 0.3203, 0.3334



15.2156, 0.5773, 0.3798



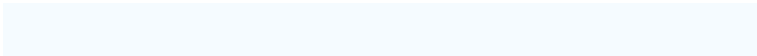
1.6051, 0.5549, 0.3976

Inverse Universe

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



94.0328, 0.3078, 0.3261



95.7113, 0.3065, 0.3253



91.6260, 0.3079, 0.3222



19.4516, 0.3054, 0.3246



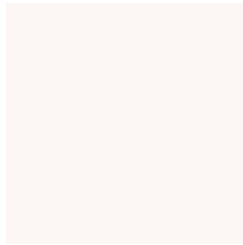
16.6801, 0.1894, 0.2017



1.7482, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 93.7486, 0.3177, 0.3319 looks on a white background.

Color Contrast Check

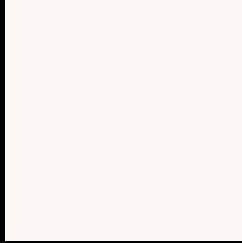
Large Text (above 18pt) WCAG AA × Fail

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 93.7486, 0.3177, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

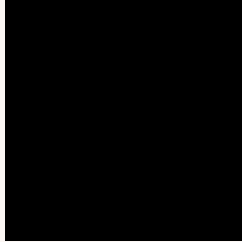
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

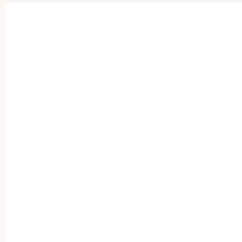
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7486, 0.3177, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 93.7486, 0.3177, 0.3319.



This preview shows how white text looks on a background with the Yxy color 93.7486, 0.3177, 0.3319.

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

93.7486, 0.3177, 0.3319

Protanopia

93.9358, 0.3184, 0.3319

Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

93.6408, 0.3106, 0.3203

Trichromacy



Original Color

93.7486, 0.3177, 0.3319

Protanomaly

93.9358, 0.3184, 0.3319

Deuteranomaly

93.6362, 0.3179, 0.3290

Tritanomaly

93.3858, 0.3129, 0.3242

Monochromacy



Original Color

93.7486, 0.3177, 0.3319

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 93.7486, 0.3177, 0.3319 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 $rgb(252, 247, 244)$ looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 244)  
}
```

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, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 244) }
```

Border

The CSS property to change the border of an element to Yxy 93.7486, 0.3177, 0.3319 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, 247, 244) }
```

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

```
.border{ border-color:rgb(252, 247, 244) }
```

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

Here you see how a box with a 4 pixel rgb(252, 247, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7486, 0.3177, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 244) }
```

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

```
.background{ background-color: rgb(252,  
247, 244) }
```

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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