

Converting Colors

$Y_{xy}(100.0000, 0.3359, 0.3300)$

Have a look what the booklet for
Yxy(100.0000, 0.3359, 0.3300)
contains.

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Color

Yxy(94.4353, 0.3185, 0.3300)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFF7F6 |
| RGB | 255, 247, 246 |
| RGB Percent | 100%, 97%, 96% |
| CMY | 0.0000, 0.0314, 0.0354 |
| CMYK | 0.00, 0.03, 0.04, 0.00 |
| HSL | 7°, 100%, 98% |
| HSV | 7°, 4%, 100% |
| XYZ | 91.1444, 94.4353, 100.5879 |
| YIQ | 249.2780, 5.0890, 1.3850 |

Conversions

Conversions Part 2

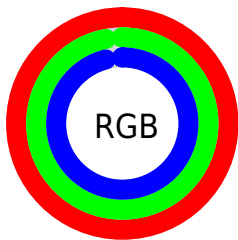
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 247, 246 |
| Decimal | 16775158 |
| CIE _{Lab} | 97.81, 2.51, 1.43 |
| CIE _{LCh} | 98, 2.893, 29.691 |
| Yxy | 94.4353, 0.3185, 0.3300 |
| Android (android.graphics.Color) | 4294965238 (0xFFFFF7F6) |
| YUV | 249.2780, -1.6161, 5.0182 |
| Hunter-Lab | 97.1778, -2.6437, 6.6539 |

Details

The Yxy color 94.4353, 0.3185, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.6762, 0.3072, 0.3280, and the grayscale version is 94.9759, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9851, 0.3192, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 79.9710, 0.3372, 0.3330, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

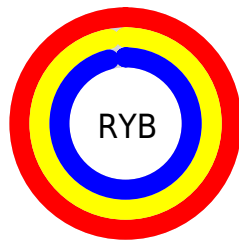
Distribution



Red (100%)

Green (97%)

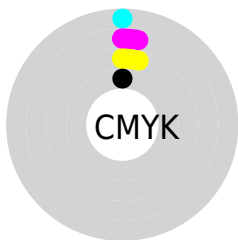
Blue (96%)



Red (100%)

Yellow (97%)

Blue (96%)

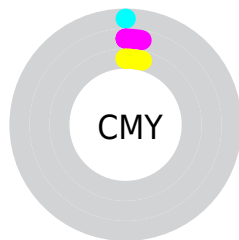


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (3%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.4353, 0.3185, 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 94.4353, 0.3185, 0.3300 by changing the saturation by 10% instead.


 94.4353, 0.3185,
0.3300

 94.4353, 0.3185,
0.3300


542.3556, 0.3159,
0.3296

 71.6651, 0.3191,
0.3301


153.4842, 0.3176,
0.3299

 52.8851, 0.3197,
0.3302


190.5317, 0.3173,
0.3298

 37.7111, 0.3206,
0.3303


233.1070, 0.3170,
0.3298

 25.7585, 0.3216,
0.3305

281.5946, 0.3167,
0.3297

 16.6431, 0.3230,
0.3307

336.3789, 0.3165,
0.3297

 9.9803, 0.3250,
0.3310

397.8442, 0.3163,

 5.3859, 0.3278,

0.3296

0.3315

466.3750, 0.3161,
0.3296

■ 2.4754, 0.3323,
0.3321

■ 0.8643, 0.3413,
0.3339

■ 94.4353, 0.3185,
0.3300

■ 94.4353, 0.3185,
0.3300

■ 79.9710, 0.3372,
0.3330

100.0000, 0.3127,
0.3290

■ 67.3350, 0.3602,
0.3362

■ 56.4496, 0.3884,
0.3394

■ 47.2375, 0.4224,
0.3425

■ 39.6154, 0.4621,
0.3451

■ 33.4931, 0.5062,
0.3465

■ 28.7711, 0.5513,
0.3462

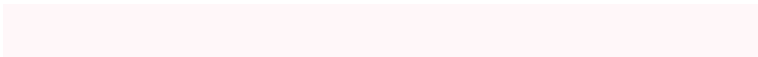
■ 25.3377, 0.5915,
0.3437

■ 23.0642, 0.6207,
0.3391

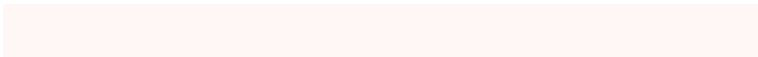
Harmonies

Analogous

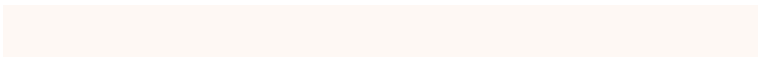
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4353, 0.3165, 0.3272



94.4353, 0.3185, 0.3300



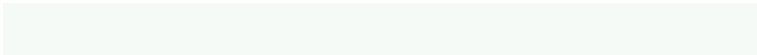
94.4353, 0.3189, 0.3326

Triad

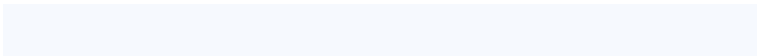
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.4353, 0.3185, 0.3300



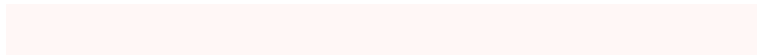
94.4353, 0.3119, 0.3333



94.4353, 0.3078, 0.3238

Complementary

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



94.4353, 0.3185, 0.3300



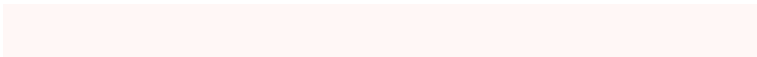
97.6762, 0.3072, 0.3280

Split Complementary

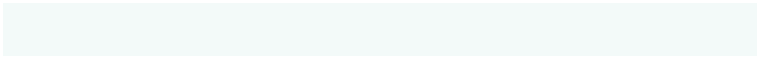
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.4353, 0.3065, 0.3254



94.4353, 0.3185, 0.3300



94.4353, 0.3090, 0.3309

Square

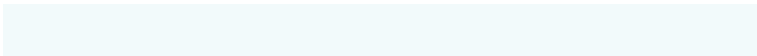
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.4353, 0.3185, 0.3300



94.4353, 0.3151, 0.3345



94.4353, 0.3070, 0.3280



94.4353, 0.3103, 0.3236

Rectangle

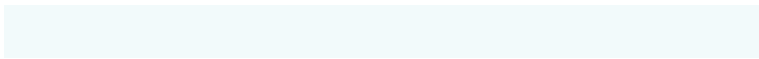
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



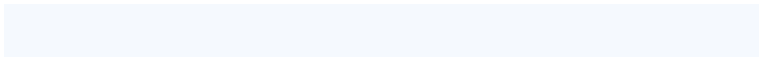
94.4353, 0.3185, 0.3300



94.4353, 0.3183, 0.3338



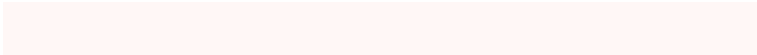
94.4353, 0.3070, 0.3280



94.4353, 0.3072, 0.3242

Sweetspot

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



94.4302, 0.3185, 0.3300



98.4028, 0.3143, 0.3293



94.3158, 0.3137, 0.3212



21.0791, 0.3142, 0.3293



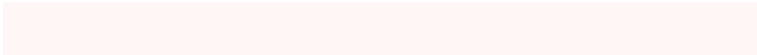
0.0000, 0.0000, 0.0000



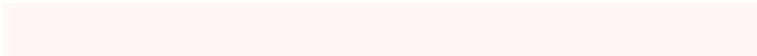
21.4041, 0.3127, 0.3290

Same Dimension

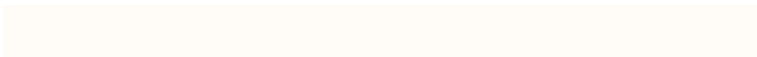
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.4302, 0.3185, 0.3300



93.7254, 0.3192, 0.3301



97.1493, 0.3182, 0.3342



19.8158, 0.3205, 0.3304



11.6706, 0.6309, 0.3373



1.2385, 0.6149, 0.3499

Inverse Universe

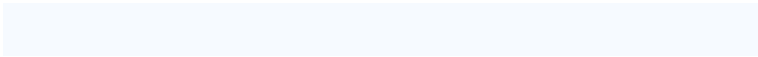
The Inverse Universe completely reimagines the original color for something new.



97.6762, 0.3072, 0.3280



97.3809, 0.3065, 0.3279



94.9196, 0.3073, 0.3237



20.7406, 0.3053, 0.3276



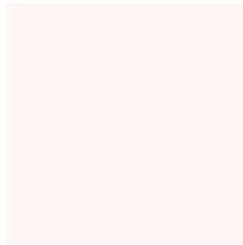
32.3602, 0.2147, 0.2928



3.2466, 0.2159, 0.2973

Previews

White Background



This preview shows how the Yxy color 94.4353, 0.3185, 0.3300 looks on a white background.

Color Contrast Check

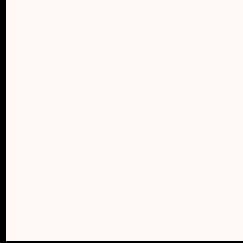
Large Text (above 18pt) WCAG AA × Fail

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 94.4353, 0.3185, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

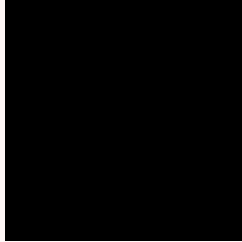
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.4353, 0.3185, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 94.4353, 0.3185, 0.3300.



This preview shows how white text looks on a background with the Yxy color 94.4353, 0.3185, 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

94.4353, 0.3185, 0.3300

Protanopia

94.0580, 0.3172, 0.3300

Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.4370, 0.3112, 0.3213

Trichromacy



Original Color

94.4353, 0.3185, 0.3300

Protanomaly

94.2462, 0.3178, 0.3300

Deuteranomaly

94.4969, 0.3178, 0.3290

Tritanomaly

94.4325, 0.3136, 0.3242

Monochromacy



Original Color

94.4353, 0.3185, 0.3300

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.4213, 0.3146, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4353, 0.3185, 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(255, 247, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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(255, 247, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 246) }
```

Border

The CSS property to change the border of an element to Yxy 94.4353, 0.3185, 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(255, 247, 246) }
```

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

```
.border{ border-color:rgb(255, 247, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4353, 0.3185, 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(255, 247, 246) }
```

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

```
.background{ background-color: rgb(255,  
247, 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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