

Converting Colors

$Y_{xy}(95.1592, 0.3165, 0.3304)$

Have a look what the booklet for
Yxy(95.1592, 0.3165, 0.3304)
contains.

Yxy(95.3494, 0.3164, 0.3309)	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(95.3494, 0.3164, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	FDF9F7
RGB	253, 249, 247
RGB Percent	99%, 98%, 97%
CMY	0.0079, 0.0235, 0.0312
CMYK	0.00, 0.02, 0.02, 0.01
HSL	20°, 59%, 98%
HSV	20°, 2%, 99%
XYZ	91.1712, 95.3494, 101.6311
YIQ	249.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

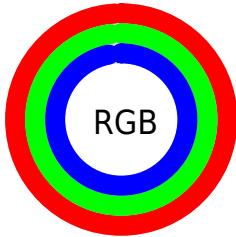
Format	Color
R _Y B	253, 250, 247
Decimal	16644599
CIE Lab	98.17, 0.98, 1.39
CIE LCh	98, 1.705, 54.772
Yxy	95.3494, 0.3164, 0.3309
Android (android.graphics.Color)	4294834679 (0xFFFD9F7)
YUV	249.9680, -1.4632, 2.6591
Hunter-Lab	97.6470, -4.2202, 6.6438

Details

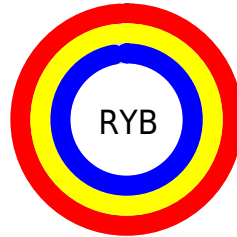
The Yxy color 95.3494, 0.3164, 0.3309 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.8769, 0.3091, 0.3271, and the grayscale version is 95.5831, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6373, 0.3166, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 83.8977, 0.3339, 0.3394, and if you desaturate by 10%, it is 99.6184, 0.3115, 0.3290.

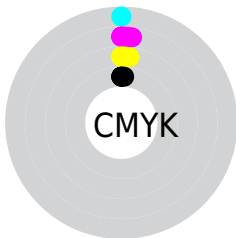
Distribution



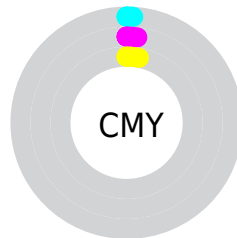
- Red (99%)
- Green (98%)
- Blue (97%)



- Red (99%)
- Yellow (98%)
- Blue (97%)



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3494, 0.3164, 0.3309 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 95.3494, 0.3164, 0.3309 by changing the saturation by 10% instead.

 95.3494, 0.3164,
0.3309

 95.3494, 0.3164,
0.3309

545.2829, 0.3148,
0.3301

 72.4258, 0.3168,
0.3311

154.7472, 0.3159,
0.3306

 53.5066, 0.3172,
0.3313


191.9903, 0.3156,
0.3305

 38.2073, 0.3177,
0.3316


234.7752, 0.3154,
0.3304

 26.1436, 0.3184,
0.3319

283.4865, 0.3153,
0.3303

 16.9311, 0.3193,
0.3324

338.5085, 0.3151,
0.3303

 10.1854, 0.3205,
0.3330

400.2257, 0.3150,

 5.5221, 0.3222,

0.3302

469.0224, 0.3149,
0.3301

0.3338

■ 2.5567, 0.3250,
0.3352

■ 0.9050, 0.3304,
0.3380

■ 95.3494, 0.3164,
0.3309

■ 95.3494, 0.3164,
0.3309

■ 83.8977, 0.3339,
0.3394

99.6184, 0.3115,
0.3290

■ 73.5634, 0.3545,
0.3484

■ 64.3157, 0.3787,
0.3576

■ 56.1180, 0.4068,
0.3666

■ 48.9314, 0.4386,
0.3747

■ 42.7144, 0.4734,
0.3809

■ 37.4224, 0.5094,
0.3839

■ 33.0066, 0.5440,
0.3825

■ 29.4129, 0.5735,
0.3760

Harmonies

Analogous

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



95.3494, 0.3160, 0.3293



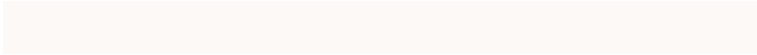
95.3494, 0.3164, 0.3309



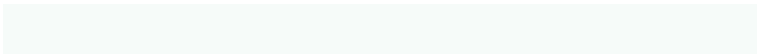
95.3494, 0.3158, 0.3320

Triad

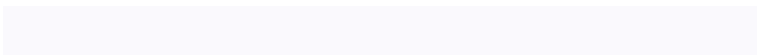
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.3494, 0.3164, 0.3309



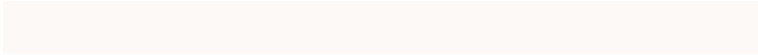
95.3494, 0.3108, 0.3304



95.3494, 0.3110, 0.3258

Complementary

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



95.3494, 0.3164, 0.3309



95.8769, 0.3091, 0.3271

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.



95.3494, 0.3096, 0.3261



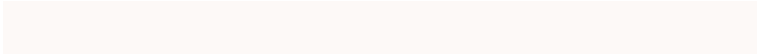
95.3494, 0.3164, 0.3309



95.3494, 0.3095, 0.3287

Square

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



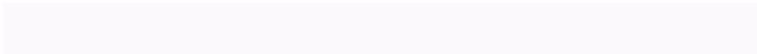
95.3494, 0.3164, 0.3309



95.3494, 0.3126, 0.3317



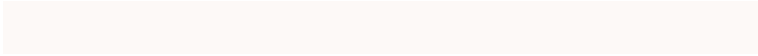
95.3494, 0.3091, 0.3271



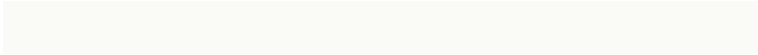
95.3494, 0.3129, 0.3264

Rectangle

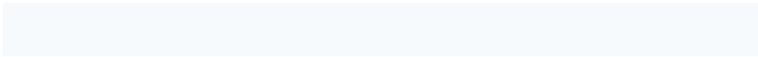
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



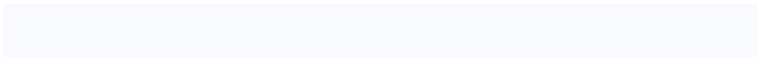
95.3494, 0.3164, 0.3309



95.3494, 0.3150, 0.3323



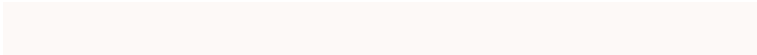
95.3494, 0.3091, 0.3271



95.3494, 0.3105, 0.3258

Sweetspot

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



95.3535, 0.3164, 0.3309



98.7530, 0.3143, 0.3298



94.3998, 0.3141, 0.3251



21.1504, 0.3142, 0.3298



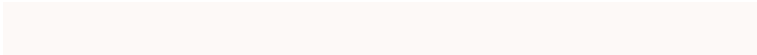
0.0000, 0.0000, 0.0000



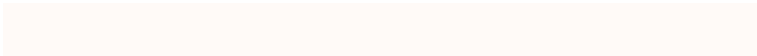
21.4041, 0.3127, 0.3290

Same Dimension

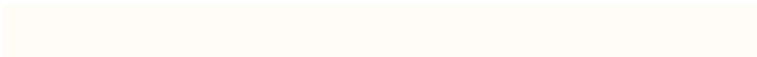
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3535, 0.3164, 0.3309



96.2943, 0.3175, 0.3314



97.1484, 0.3162, 0.3337



20.4028, 0.3188, 0.3321



14.6944, 0.5888, 0.3707



1.6213, 0.5668, 0.3881

Inverse Universe

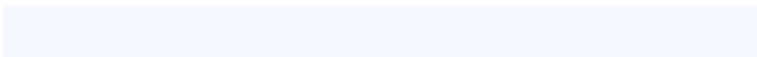
The Inverse Universe completely reimagines the original color for something new.



95.8769, 0.3091, 0.3271



96.9736, 0.3081, 0.3265



94.0903, 0.3092, 0.3243



20.5861, 0.3068, 0.3259



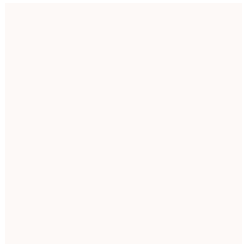
19.2043, 0.1936, 0.2168



2.0703, 0.1975, 0.2311

Previews

White Background



This preview shows how the Yxy color 95.3494, 0.3164, 0.3309 looks on a white background.

Color Contrast Check

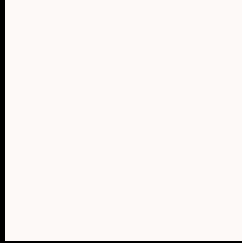
Large Text (above 18pt) WCAG AA × Fail

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 95.3494, 0.3164, 0.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

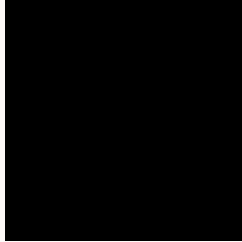
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.3494, 0.3164, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 95.3494, 0.3164, 0.3309.



This preview shows how white text looks on a background with the Yxy color 95.3494, 0.3164, 0.3309.

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

95.3494, 0.3164, 0.3309

Protanopia

95.7268, 0.3177, 0.3309

Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.6668, 0.3111, 0.3232

Trichromacy

Original Color

95.3494, 0.3164, 0.3309

Protanomaly

95.5376, 0.3171, 0.3309

Deuteranomaly

94.9829, 0.3165, 0.3290

Tritanomaly

95.4751, 0.3129, 0.3261

Monochromacy

Original Color

95.3494, 0.3164, 0.3309

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.7200, 0.3139, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3494, 0.3164, 0.3309 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(253, 249, 247) looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 247)  
}
```

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(253, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 247) }
```

Border

The CSS property to change the border of an element to Yxy 95.3494, 0.3164, 0.3309 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(253, 249, 247) }
```

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

```
.border{ border-color:rgb(253, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3494, 0.3164, 0.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 247) }
```

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

```
.background{ background-color: rgb(253,  
249, 247) }
```

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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