

Converting Colors

$Y_{xy}(100.0000, 0.3388, 0.3320)$

Have a look what the booklet for
Yxy(100.0000, 0.3388, 0.3320)
contains.

Yxy(94.3132, 0.3197, 0.3319)	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(94.3132, 0.3197, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7F4
RGB	255, 247, 244
RGB Percent	100%, 97%, 96%
CMY	0.0000, 0.0314, 0.0431
CMYK	0.00, 0.03, 0.04, 0.00
HSL	16°, 100%, 98%
HSV	16°, 4%, 100%
XYZ	90.8464, 94.3132, 99.0019
YIQ	249.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

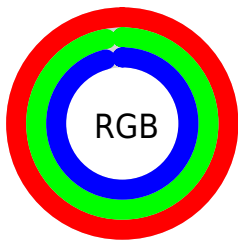
Format	Color
R _Y B	255, 248, 244
Decimal	16775156
CIE Lab	97.76, 2.19, 2.38
CIE LCh	98, 3.230, 47.395
Yxy	94.3132, 0.3197, 0.3319
Android (android.graphics.Color)	4294965236 (0xFFFFF7F4)
YUV	249.0500, -2.4896, 5.2182
Hunter-Lab	97.1150, -2.9730, 7.5385

Details

The Yxy color 94.3132, 0.3197, 0.3319 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.0811, 0.3060, 0.3261, and the grayscale version is 94.7846, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8982, 0.3207, 0.3327 is the 20% darker color. If you saturate the color by 10%, you get 82.0630, 0.3380, 0.3390, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

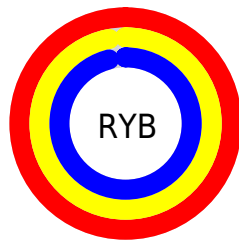
Distribution



Red (100%)

Green (97%)

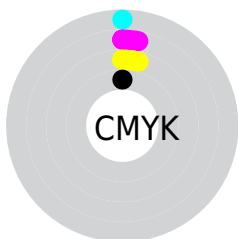
Blue (96%)



Red (100%)

Yellow (97%)

Blue (96%)

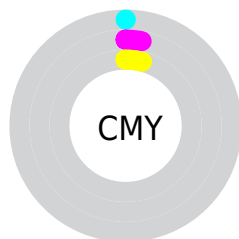


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3132, 0.3197, 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 94.3132, 0.3197, 0.3319 by changing the saturation by 10% instead.


 94.3132, 0.3197,
0.3319

 94.3132, 0.3197,
0.3319


541.9639, 0.3166,
0.3306

 71.5635, 0.3204,
0.3322

153.3154, 0.3187,
0.3315

 52.8022, 0.3212,
0.3325

190.3367, 0.3182,
0.3313

 37.6449, 0.3222,
0.3329


232.8840, 0.3179,
0.3312

 25.7072, 0.3235,
0.3334

281.3416, 0.3176,
0.3310

 16.6047, 0.3252,
0.3341

336.0941, 0.3173,
0.3309

 9.9531, 0.3275,
0.3350

397.5257, 0.3170,

 5.3678, 0.3309,

0.3308

0.3364

466.0208, 0.3168,
0.3307

■ 2.4647, 0.3364,
0.3384

■ 0.8589, 0.3483,
0.3438

■ 94.3132, 0.3197,
0.3319

■ 94.3132, 0.3197,
0.3319

■ 82.0630, 0.3380,
0.3390

100.0000, 0.3127,
0.3290

■ 71.1248, 0.3599,
0.3465

■ 61.4469, 0.3858,
0.3541

■ 52.9830, 0.4162,
0.3614

■ 45.6838, 0.4508,
0.3678

■ 39.4965, 0.4886,
0.3721

■ 34.3641, 0.5274,
0.3732

■ 30.2238, 0.5636,
0.3701

■ 27.0052, 0.5930,
0.3625

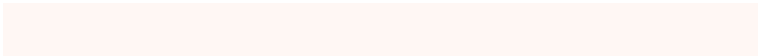
Harmonies

Analogous

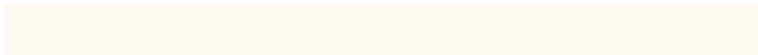
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3132, 0.3184, 0.3288



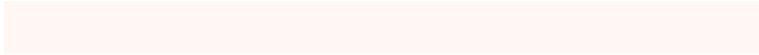
94.3132, 0.3197, 0.3319



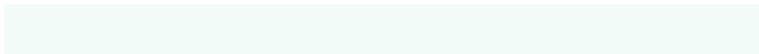
94.3132, 0.3191, 0.3343

Triad

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



94.3132, 0.3197, 0.3319



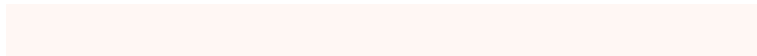
94.3132, 0.3098, 0.3323



94.3132, 0.3087, 0.3229

Complementary

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



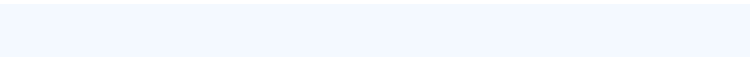
94.3132, 0.3197, 0.3319



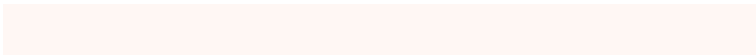
96.0811, 0.3060, 0.3261

Split Complementary

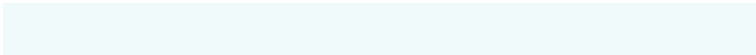
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3132, 0.3064, 0.3238



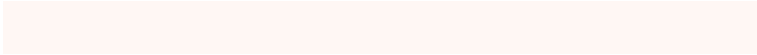
94.3132, 0.3197, 0.3319



94.3132, 0.3070, 0.3292

Square

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



94.3132, 0.3197, 0.3319



94.3132, 0.3133, 0.3345



94.3132, 0.3058, 0.3261



94.3132, 0.3121, 0.3236

Rectangle

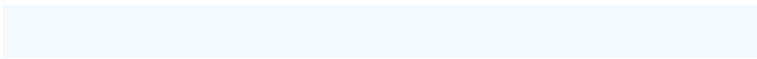
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.3132, 0.3197, 0.3319



94.3132, 0.3177, 0.3351



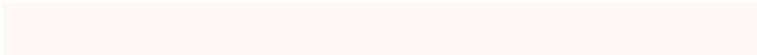
94.3132, 0.3058, 0.3261



94.3132, 0.3078, 0.3230

Sweetspot

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



94.3053, 0.3197, 0.3319



98.6575, 0.3143, 0.3297



92.9932, 0.3150, 0.3213



21.1309, 0.3142, 0.3296



0.0000, 0.0000, 0.0000



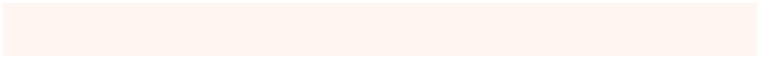
21.4041, 0.3127, 0.3290

Same Dimension

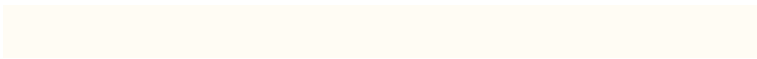
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3053, 0.3197, 0.3319



93.4231, 0.3208, 0.3324



97.6847, 0.3193, 0.3371



19.8043, 0.3220, 0.3329



13.5604, 0.6033, 0.3592



1.4924, 0.5813, 0.3766

Inverse Universe

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



96.0811, 0.3060, 0.3261



95.4716, 0.3050, 0.3256



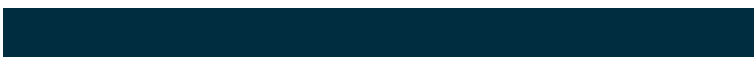
92.7092, 0.3061, 0.3208



20.3020, 0.3039, 0.3251



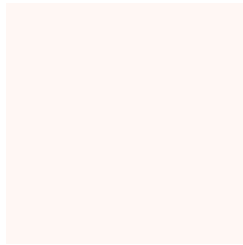
22.3247, 0.1995, 0.2380



2.3553, 0.2027, 0.2496

Previews

White Background



This preview shows how the Yxy color 94.3132, 0.3197, 0.3319 looks on a white background.

Color Contrast Check

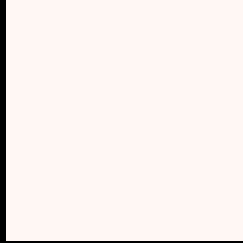
Large Text (above 18pt) WCAG AA × Fail

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 94.3132, 0.3197, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

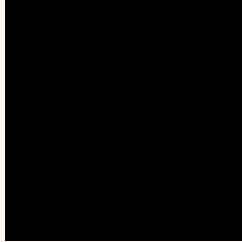
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3132, 0.3197, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 94.3132, 0.3197, 0.3319.



This preview shows how white text looks on a background with the Yxy color 94.3132, 0.3197, 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

94.3132, 0.3197, 0.3319

Protanopia

94.1240, 0.3190, 0.3319

Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.6242, 0.3118, 0.3213

Trichromacy

A vertical bar with a color gradient from light orange at the top to light pink at the bottom.

Original Color

94.3132, 0.3197, 0.3319

Protanomaly

94.1240, 0.3190, 0.3319

Deuteranomaly

94.4969, 0.3178, 0.3290

Tritanomaly

94.5574, 0.3148, 0.3252

Monochromacy

A vertical bar with a color gradient from light orange at the top to light grey at the bottom.

Original Color

94.3132, 0.3197, 0.3319

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.3594, 0.3152, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3132, 0.3197, 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 $rgb(255, 247, 244)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 244) }
```

Border

The CSS property to change the border of an element to Yxy 94.3132, 0.3197, 0.3319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

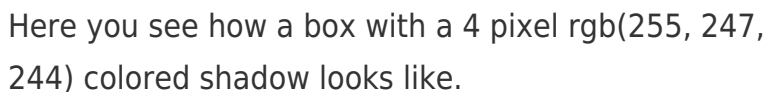
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 247, 244) }
```

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

```
.border{ border-color:rgb(255, 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(255, 247, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 247, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 247, 244); box-shadow:4px 4px 4px 4px rgb(255, 247, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3132, 0.3197, 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(255, 247, 244) }
```

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

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