

Converting Colors

Yxy(94.4192, 0.3207, 0.3339)

Have a look what the booklet for
Yxy(94.4192, 0.3207, 0.3339)
contains.

Yxy(94.1923, 0.3209, 0.3339)	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(94.1923, 0.3209, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7F2
RGB	255, 247, 242
RGB Percent	100%, 97%, 95%
CMY	0.0000, 0.0313, 0.0511
CMYK	0.00, 0.03, 0.05, 0.00
HSL	23°, 100%, 97%
HSV	23°, 5%, 100%
XYZ	90.5250, 94.1923, 97.3800
YIQ	248.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 250, 242
Decimal	16775154
CIE Lab	97.71, 1.81, 3.36
CIE LCh	98, 3.816, 61.610
Yxy	94.1923, 0.3209, 0.3339
Android (android.graphics.Color)	4294965234 (0xFFFFF7F2)
YUV	248.8220, -3.3632, 5.4181
Hunter-Lab	97.0527, -3.3480, 8.4470

Details

The Yxy color 94.1923, 0.3209, 0.3339 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.4306, 0.3048, 0.3240, and the grayscale version is 94.6009, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8125, 0.3223, 0.3352 is the 20% darker color. If you saturate the color by 10%, you get 83.6063, 0.3389, 0.3440, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



Red (100%)

Green (97%)

Blue (95%)



Red (100%)

Yellow (98%)

Blue (95%)



Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1923, 0.3209, 0.3339 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 94.1923, 0.3209, 0.3339 by changing the saturation by 10% instead.


 94.1923, 0.3209,
0.3339

 94.1923, 0.3209,
0.3339


541.5760, 0.3173,
0.3318

 71.4629, 0.3217,
0.3344

153.1483, 0.3197,
0.3332

 52.7201, 0.3227,
0.3349


190.1436, 0.3192,
0.3329

 37.5793, 0.3238,
0.3356


232.6631, 0.3188,
0.3326

 25.6564, 0.3254,
0.3365

281.0911, 0.3184,
0.3324

 16.5667, 0.3274,
0.3377

335.8120, 0.3181,
0.3322

 9.9261, 0.3301,
0.3393

397.2101, 0.3178,

 5.3500, 0.3341,

0.3321

0.3415

465.6700, 0.3175,
0.3319

■ 2.4540, 0.3405,
0.3451

■ 0.8535, 0.3560,
0.3551

■ 94.1923, 0.3209,
0.3339

■ 94.1923, 0.3209,
0.3339

■ 83.6063, 0.3389,
0.3440

100.0000, 0.3127,
0.3290

■ 74.0046, 0.3600,
0.3546

■ 65.3597, 0.3843,
0.3653

■ 57.6401, 0.4120,
0.3756

■ 50.8127, 0.4427,
0.3848

■ 44.8423, 0.4756,
0.3915

■ 39.6905, 0.5087,
0.3945

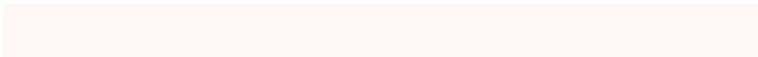
■ 35.3154, 0.5397,
0.3926

■ 31.6699, 0.5657,
0.3853

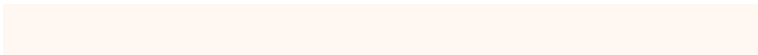
Harmonies

Analogous

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



94.1923, 0.3205, 0.3305



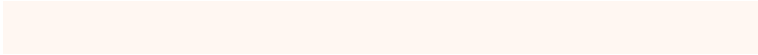
94.1923, 0.3209, 0.3339



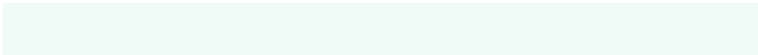
94.1923, 0.3191, 0.3360

Triad

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



94.1923, 0.3209, 0.3339



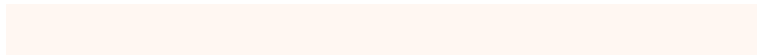
94.1923, 0.3075, 0.3312



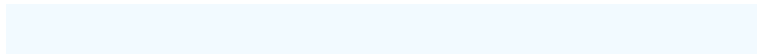
94.1923, 0.3098, 0.3220

Complementary

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



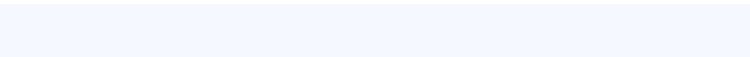
94.1923, 0.3209, 0.3339



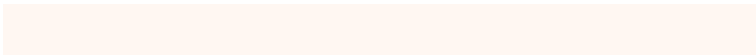
94.4306, 0.3048, 0.3240

Split Complementary

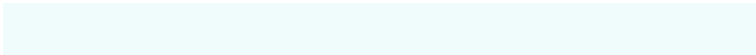
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1923, 0.3063, 0.3221



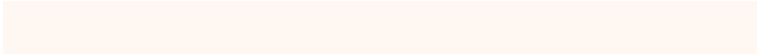
94.1923, 0.3209, 0.3339



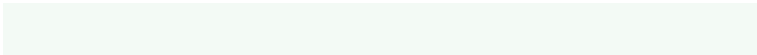
94.1923, 0.3051, 0.3274

Square

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



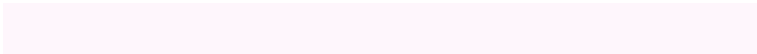
94.1923, 0.3209, 0.3339



94.1923, 0.3114, 0.3345



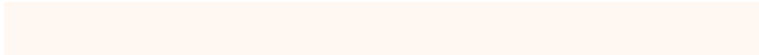
94.1923, 0.3046, 0.3241



94.1923, 0.3140, 0.3237

Rectangle

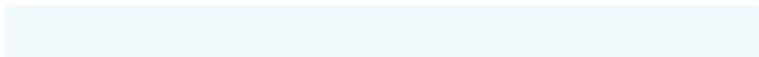
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.1923, 0.3209, 0.3339



94.1923, 0.3169, 0.3364



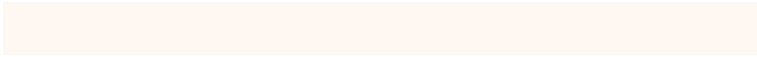
94.1923, 0.3046, 0.3241



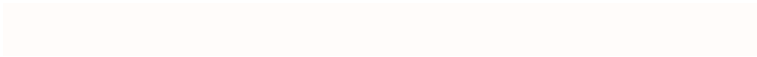
94.1923, 0.3085, 0.3218

Sweetspot

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



94.1944, 0.3209, 0.3339



97.6978, 0.3158, 0.3309



91.6417, 0.3163, 0.3213



20.9356, 0.3157, 0.3308



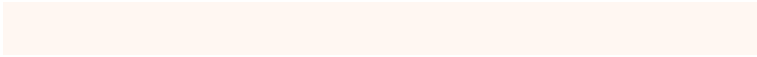
0.0000, 0.0000, 0.0000



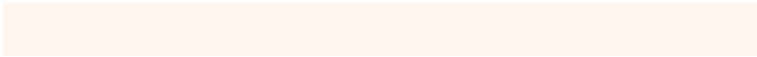
21.4041, 0.3127, 0.3290

Same Dimension

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



94.1944, 0.3209, 0.3339



93.2161, 0.3224, 0.3348



98.2214, 0.3204, 0.3401



19.7988, 0.3235, 0.3354



16.0121, 0.5736, 0.3827



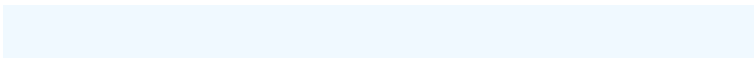
1.7633, 0.5525, 0.3995

Inverse Universe

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



94.4306, 0.3048, 0.3240



93.4915, 0.3034, 0.3232



90.4787, 0.3049, 0.3177



19.8638, 0.3024, 0.3225



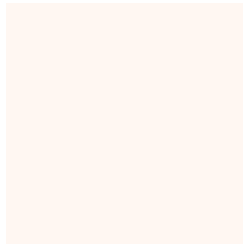
16.5435, 0.1880, 0.1966



1.8229, 0.1926, 0.2133

Previews

White Background



This preview shows how the Yxy color 94.1923, 0.3209, 0.3339 looks on a white background.

Color Contrast Check

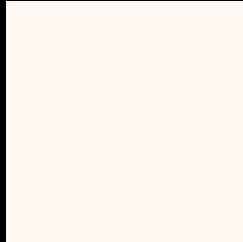
Large Text (above 18pt) WCAG AA × Fail

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 94.1923, 0.3209, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

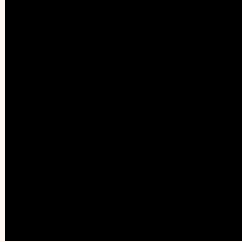
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.1923, 0.3209, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 94.1923, 0.3209, 0.3339.



This preview shows how white text looks on a background with the Yxy color 94.1923, 0.3209, 0.3339.

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

94.1923, 0.3209, 0.3339

Protanopia

94.0032, 0.3202, 0.3339

Deuteranopia

93.8869, 0.3179, 0.3281



Tritanopia

94.0142, 0.3118, 0.3204

Trichromacy



Original Color

94.1923, 0.3209, 0.3339

Protanomaly

94.0032, 0.3202, 0.3339

Deuteranomaly

93.7641, 0.3191, 0.3300

Tritanomaly

93.8845, 0.3155, 0.3252

Monochromacy



Original Color

94.1923, 0.3209, 0.3339

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.2979, 0.3158, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1923, 0.3209, 0.3339 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 242) }
```

Border

The CSS property to change the border of an element to Yxy 94.1923, 0.3209, 0.3339 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, 242) }
```

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

```
.border{ border-color:rgb(255, 247, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1923, 0.3209, 0.3339 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
247, 242) }
```

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