

Converting Colors

$Yxy(94.3594, 0.3353, 0.3598)$

Have a look what the booklet for
Yxy(94.3594, 0.3353, 0.3598)
contains.

Yxy(94.0733, 0.3354, 0.3595)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.0733, 0.3354, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9DA
RGB	255, 249, 218
RGB Percent	100%, 98%, 85%
CMY	0.0000, 0.0235, 0.1452
CMYK	0.00, 0.02, 0.15, 0.00
HSL	50°, 100%, 93%
HSV	50°, 15%, 100%
XYZ	87.7669, 94.0733, 79.8380
YIQ	247.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

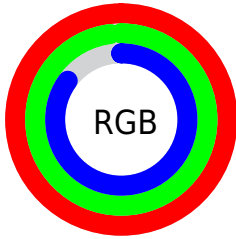
Format	Color
RYB	225, 255, 218
Decimal	16775642
CIELab	97.66, -3.03, 15.62
CIELCh	98, 15.910, 100.967
Yxy	94.0733, 0.3354, 0.3595
Android (android.graphics.Color)	4294965722 (0xFFFFF9DA)
YUV	247.2600, -14.4252, 6.7880
Hunter-Lab	96.9914, -8.2115, 19.0897

Details

The Yxy color **94.0733, 0.3354, 0.3595** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.4091, 0.2894, 0.2965**, and the grayscale version is **93.3466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.7900, 0.3400, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **90.3213, 0.3521, 0.3812**, and if you desaturate by 10%, it is **98.0948, 0.3195, 0.3383**.

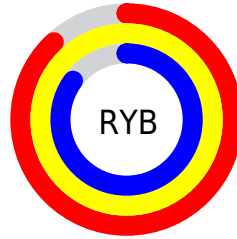
Distribution



Red (100%)

Green (98%)

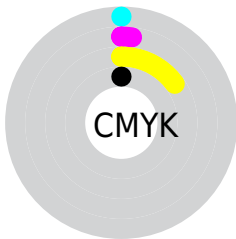
Blue (85%)



Red (88%)

Yellow (100%)

Blue (85%)

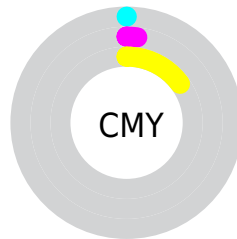


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0733, 0.3354, 0.3595 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 94.0733, 0.3354, 0.3595 by changing the saturation by 10% instead.


 94.0733, 0.3354,
0.3595

 94.0733, 0.3354,
0.3595


541.1940, 0.3254,
0.3460

 71.3639, 0.3376,
0.3625


152.9837, 0.3320,
0.3549

 52.6392, 0.3402,
0.3661


189.9535, 0.3307,
0.3531

 37.5149, 0.3434,
0.3705


232.4456, 0.3295,
0.3515

 25.6064, 0.3475,
0.3762

280.8444, 0.3285,
0.3501

 16.5294, 0.3527,
0.3837

335.5342, 0.3276,
0.3489

 9.8995, 0.3599,
0.3939

396.8995, 0.3268,

 5.3324, 0.3699,

0.3478

0.4086

465.3246, 0.3261,
0.3468

■ 2.4436, 0.3850,
0.4315

■ 0.8482, 0.4633,
0.5367

■ 94.0733, 0.3354,
0.3595

■ 94.0733, 0.3354,
0.3595

■ 90.3213, 0.3521,
0.3812

■ 98.0948, 0.3195,
0.3383

■ 86.8169, 0.3693,
0.4028

100.0000, 0.3127,
0.3290

■ 83.5537, 0.3865,
0.4235

■ 80.5203, 0.4030,
0.4422

■ 77.7044, 0.4181,
0.4579

■ 75.0918, 0.4311,
0.4697

■ 72.6662, 0.4414,
0.4770

■ 70.4077, 0.4487,
0.4796

■ 69.2262, 0.4518,
0.4795

Harmonies

Analogous

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



94.0733, 0.3457, 0.3524



94.0733, 0.3354, 0.3595



94.0733, 0.3192, 0.3582

Triad

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



94.0733, 0.3354, 0.3595



94.0733, 0.2797, 0.3170



94.0733, 0.3234, 0.3107

Complementary

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



94.0733, 0.3354, 0.3595



75.4091, 0.2894, 0.2965

Split Complementary

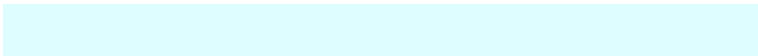
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.0733, 0.3055, 0.3017



94.0733, 0.3354, 0.3595



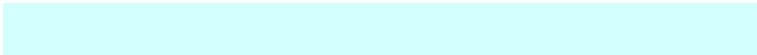
94.0733, 0.2807, 0.3049

Square

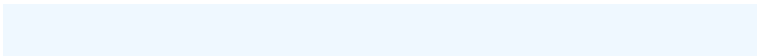
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0733, 0.3354, 0.3595



94.0733, 0.2872, 0.3331



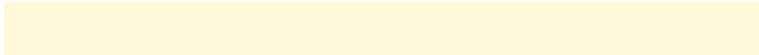
94.0733, 0.2900, 0.2995



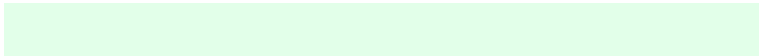
94.0733, 0.3387, 0.3243

Rectangle

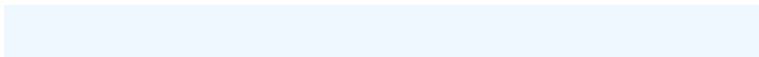
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0733, 0.3354, 0.3595



94.0733, 0.3073, 0.3525



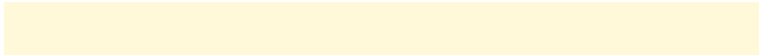
94.0733, 0.2900, 0.2995



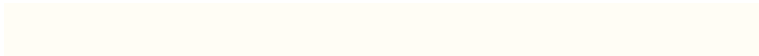
94.0733, 0.3175, 0.3071

Sweetspot

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



94.0773, 0.3354, 0.3595



98.3121, 0.3187, 0.3372



76.7752, 0.3355, 0.3229



20.9759, 0.3199, 0.3388



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.



94.0773, 0.3354, 0.3595



93.1228, 0.3395, 0.3649



95.5737, 0.3265, 0.3661



20.5608, 0.3273, 0.3488



36.3587, 0.4511, 0.4800



3.6679, 0.4469, 0.4834

Inverse Universe

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



75.4091, 0.2894, 0.2965



71.6523, 0.2851, 0.2904



74.2204, 0.2974, 0.2911



17.8522, 0.2979, 0.3084



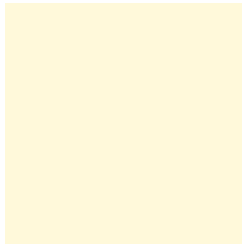
4.7494, 0.1538, 0.0736



0.5912, 0.1586, 0.0910

Previews

White Background



This preview shows how the Yxy color 94.0733, 0.3354, 0.3595 looks on a white background.

Color Contrast Check

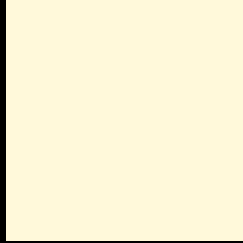
Large Text (above 18pt) WCAG AA × Fail

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 94.0733, 0.3354, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

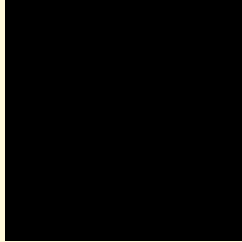
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0733, 0.3354, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 94.0733, 0.3354, 0.3595.

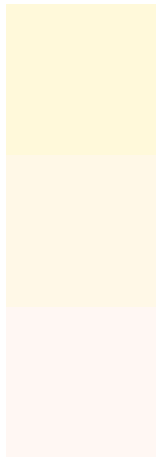


This preview shows how white text looks on a background with the Yxy color 94.0733, 0.3354, 0.3595.

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

94.0733, 0.3354, 0.3595

Protanopia

94.1643, 0.3275, 0.3456

Deuteranopia

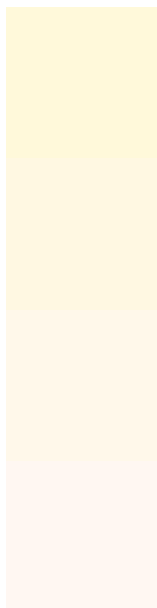
94.2526, 0.3203, 0.3329



Tritanopia

94.3915, 0.3131, 0.3204

Trichromacy



Original Color

94.0733, 0.3354, 0.3595

Protanomaly

93.8858, 0.3306, 0.3505

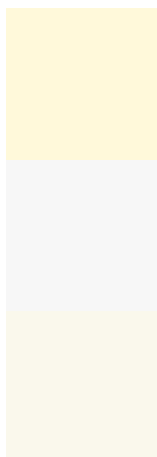
Deuteranomaly

94.3353, 0.3257, 0.3426

Tritanomaly

94.1923, 0.3209, 0.3339

Monochromacy



Original Color

94.0733, 0.3354, 0.3595

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.5149, 0.3212, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0733, 0.3354, 0.3595 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, 249, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 218)  
}
```

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, 249, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 218) }
```

Border

The CSS property to change the border of an element to Yxy 94.0733, 0.3354, 0.3595 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, 249, 218) }
```

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

```
.border{ border-color:rgb(255, 249, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0733, 0.3354, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 218) }
```

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

```
.background{ background-color: rgb(255,  
249, 218) }
```

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