

Converting Colors

Yxy(94.5564, 0.3202, 0.3357)

Have a look what the booklet for
Yxy(94.5564, 0.3202, 0.3357)
contains.

Yxy(94.3683, 0.3201, 0.3358)	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(94.3683, 0.3201, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	FDF8F1
RGB	253, 248, 241
RGB Percent	99%, 97%, 95%
CMY	0.0078, 0.0274, 0.0549
CMYK	0.00, 0.02, 0.05, 0.01
HSL	35°, 75%, 97%
HSV	35°, 5%, 99%
XYZ	89.9562, 94.3683, 96.7008
YIQ	248.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

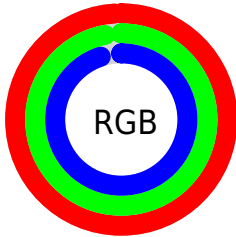
Format	Color
R _Y B	250, 253, 241
Decimal	16644337
CIE Lab	97.78, 0.48, 3.93
CIE LCh	98, 3.957, 83.077
Yxy	94.3683, 0.3201, 0.3358
Android (android.graphics.Color)	4294834417 (0xFFFD8F1)
YUV	248.6970, -3.7946, 3.7737
Hunter-Lab	97.1433, -4.7072, 8.9804

Details

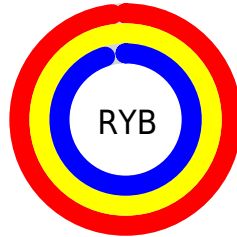
The Yxy color 94.3683, 0.3201, 0.3358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.7190, 0.3054, 0.3221, and the grayscale version is 94.5024, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9378, 0.3213, 0.3377 is the 20% darker color. If you saturate the color by 10%, you get 86.6521, 0.3371, 0.3508, and if you desaturate by 10%, it is 99.6246, 0.3115, 0.3290.

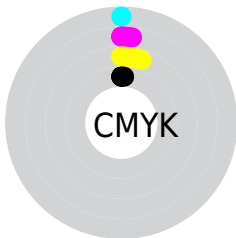
Distribution



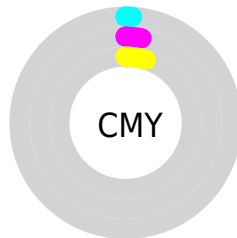
- Red (99%)
- Green (97%)
- Blue (95%)



- Red (98%)
- Yellow (99%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (1%)




- Cyan (1%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3683, 0.3201, 0.3358 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 94.3683, 0.3201, 0.3358 by changing the saturation by 10% instead.


 94.3683, 0.3201,
0.3358

 94.3683, 0.3201,
0.3358

542.1407, 0.3168,
0.3328

 71.6093, 0.3208,
0.3365

153.3916, 0.3190,
0.3348

 52.8396, 0.3217,
0.3372


190.4247, 0.3186,
0.3344

 37.6747, 0.3227,
0.3382


232.9847, 0.3182,
0.3340

 25.7303, 0.3241,
0.3395

281.4558, 0.3178,
0.3337

 16.6220, 0.3259,
0.3411

336.2226, 0.3176,
0.3335

 9.9654, 0.3284,
0.3433

397.6694, 0.3173,

 5.3760, 0.3319,

0.3332

0.3466

466.1807, 0.3171,
0.3330

■ 2.4695, 0.3376,
0.3518

■ 0.8613, 0.3526,
0.3658

■ 94.3683, 0.3201,
0.3358

■ 94.3683, 0.3201,
0.3358

■ 86.6521, 0.3371,
0.3508

99.6246, 0.3115,
0.3290

■ 79.4937, 0.3562,
0.3663

■ 72.8817, 0.3772,
0.3821

■ 66.8000, 0.4000,
0.3973

■ 61.2313, 0.4239,
0.4111

■ 56.1569, 0.4483,
0.4224

■ 51.5567, 0.4718,
0.4298

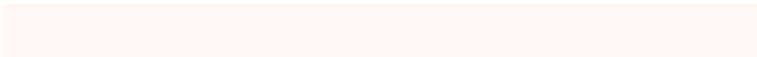
■ 47.4078, 0.4930,
0.4323

■ 43.6836, 0.5108,
0.4294

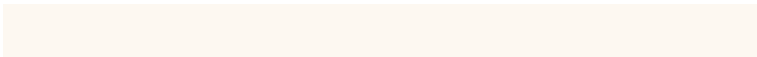
Harmonies

Analogous

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



94.3683, 0.3213, 0.3332



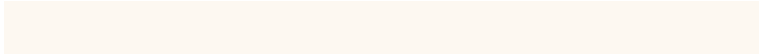
94.3683, 0.3201, 0.3358



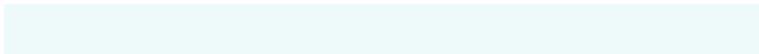
94.3683, 0.3169, 0.3366

Triad

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



94.3683, 0.3201, 0.3358



94.3683, 0.3053, 0.3285



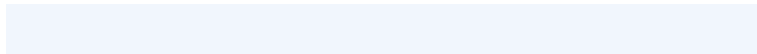
94.3683, 0.3128, 0.3228

Complementary

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



94.3683, 0.3201, 0.3358



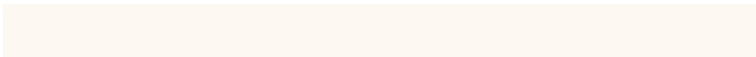
91.7190, 0.3054, 0.3221

Split Complementary

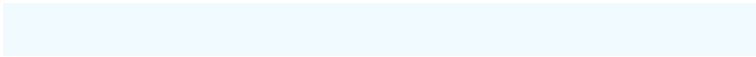
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3683, 0.3085, 0.3215



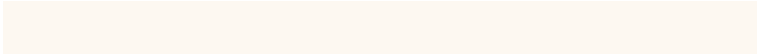
94.3683, 0.3201, 0.3358



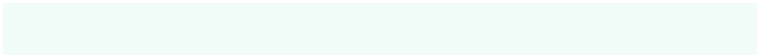
94.3683, 0.3042, 0.3248

Square

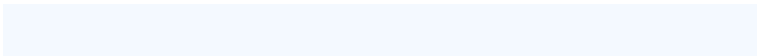
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



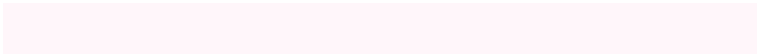
94.3683, 0.3201, 0.3358



94.3683, 0.3084, 0.3324



94.3683, 0.3054, 0.3222



94.3683, 0.3171, 0.3257

Rectangle

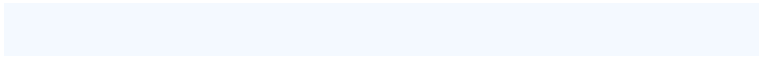
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.3683, 0.3201, 0.3358



94.3683, 0.3141, 0.3360



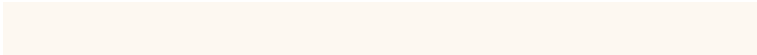
94.3683, 0.3054, 0.3222



94.3683, 0.3113, 0.3222

Sweetspot

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



94.3724, 0.3201, 0.3358



99.1596, 0.3142, 0.3304



90.4691, 0.3174, 0.3240



21.2331, 0.3142, 0.3303



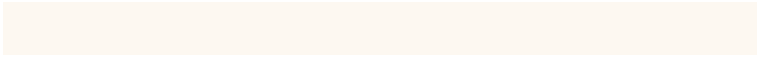
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



94.3724, 0.3201, 0.3358



95.0464, 0.3221, 0.3376



97.3434, 0.3192, 0.3406



20.2312, 0.3232, 0.3386



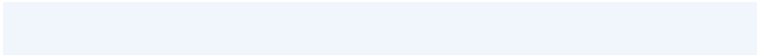
22.5706, 0.5170, 0.4277



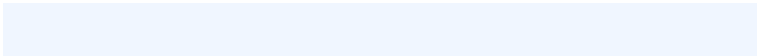
2.4136, 0.5028, 0.4390

Inverse Universe

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



91.7190, 0.3054, 0.3221



91.6567, 0.3035, 0.3202



88.8542, 0.3060, 0.3171



19.4302, 0.3024, 0.3192



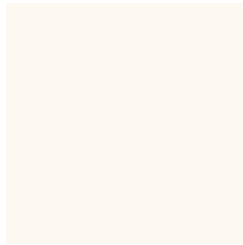
9.4844, 0.1697, 0.1310



1.1334, 0.1759, 0.1532

Previews

White Background



This preview shows how the Yxy color 94.3683, 0.3201, 0.3358 looks on a white background.

Color Contrast Check

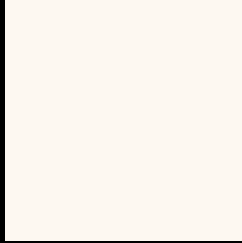
Large Text (above 18pt) WCAG AA × Fail

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 94.3683, 0.3201, 0.3358 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 94.3683, 0.3201, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 94.3683, 0.3201, 0.3358.



This preview shows how white text looks on a background with the Yxy color 94.3683, 0.3201, 0.3358.

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

94.3683, 0.3201, 0.3358

Protanopia

94.1324, 0.3215, 0.3348

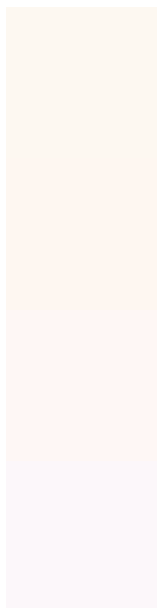
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

94.4370, 0.3112, 0.3213

Trichromacy



Original Color

94.3683, 0.3201, 0.3358

Protanomaly

93.9432, 0.3208, 0.3348

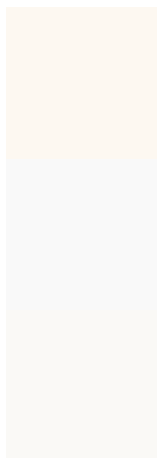
Deuteranomaly

94.1849, 0.3184, 0.3309

Tritanomaly

94.1191, 0.3141, 0.3261

Monochromacy



Original Color

94.3683, 0.3201, 0.3358

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.7292, 0.3151, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3683, 0.3201, 0.3358 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, 248, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 241)  
}
```

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, 248, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 241) }
```

Border

The CSS property to change the border of an element to Yxy 94.3683, 0.3201, 0.3358 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, 248, 241) }
```

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

```
.border{ border-color:rgb(253, 248, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 248, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3683, 0.3201, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 241) }
```

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

```
.background{ background-color: rgb(253,  
248, 241) }
```

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