

Converting Colors

Yxy(137.1943, 0.4442, 0.3607)

Have a look what the booklet for
Yxy(137.1943, 0.4442, 0.3607)
contains.

Yxy(94.5662, 0.3443, 0.3763)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.5662, 0.3443, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBCB
RGB	255, 251, 203
RGB Percent	100%, 98%, 80%
CMY	0.0000, 0.0157, 0.2038
CMYK	0.00, 0.02, 0.20, 0.00
HSL	55°, 100%, 90%
HSV	55°, 20%, 100%
XYZ	86.5244, 94.5662, 70.2147
YIQ	246.7240, 17.7920, -14.0800

Conversions

Conversions Part 2

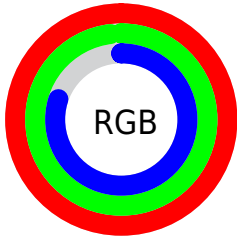
Format	Color
R _Y B	207, 255, 203
Decimal	16776139
CIE Lab	97.86, -6.19, 23.52
CIE LCh	98, 24.320, 104.744
Yxy	94.5662, 0.3443, 0.3763
Android (android.graphics.Color)	4294966219 (0xFFFFFBCB)
YUV	246.7240, -21.5559, 7.2581
Hunter-Lab	97.2452, -11.3576, 25.2620

Details

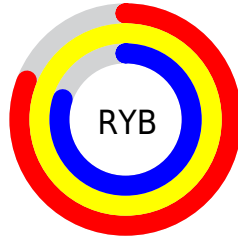
The Yxy color $94.5662, 0.3443, 0.3763$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $64.5660, 0.2788, 0.2768$, and the grayscale version is $92.9456, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $53.2059, 0.3505, 0.3867$ is the 20% darker color. If you saturate the color by 10%, you get $92.2291, 0.3604, 0.3999$, and if you desaturate by 10%, it is $97.1181, 0.3285, 0.3527$.

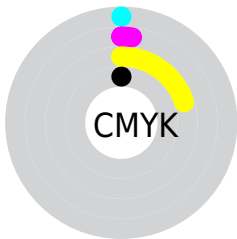
Distribution



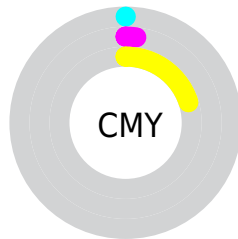
- Red (100%)
- Green (98%)
- Blue (80%)



- Red (81%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.5662, 0.3443, 0.3763 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 94.5662, 0.3443, 0.3763 by changing the saturation by 10% instead.


 94.5662, 0.3443,
0.3763

 94.5662, 0.3443,
0.3763


542.7753, 0.3306,
0.3552

 71.7740, 0.3472,
0.3809


153.6652, 0.3397,
0.3691

 52.9741, 0.3508,
0.3865


190.7407, 0.3379,
0.3663

 37.7821, 0.3551,
0.3934


233.3461, 0.3363,
0.3639

 25.8136, 0.3604,
0.4022

281.8658, 0.3348,
0.3617

 16.6842, 0.3673,
0.4137

336.6842, 0.3336,
0.3598

 10.0096, 0.3762,
0.4292

398.1856, 0.3325,

 5.4053, 0.3881,

0.3581

0.4512

466.7545, 0.3315,
0.3566

■ 2.4870, 0.4093,
0.4904

■ 0.8701, 0.4372,
0.5628

■ 94.5662, 0.3443,
0.3763

■ 94.5662, 0.3443,
0.3763

■ 92.2291, 0.3604,
0.3999

■ 97.1181, 0.3285,
0.3527

■ 90.0938, 0.3762,
0.4226

99.8909, 0.3133,
0.3298

■ 88.1507, 0.3911,
0.4436

100.0000, 0.3127,
0.3290

■ 86.3883, 0.4046,
0.4618

■ 84.7935, 0.4158,
0.4762

■ 83.3513, 0.4245,
0.4864

■ 82.0441, 0.4304,
0.4920

■ 80.8860, 0.4338,
0.4938

Harmonies

Analogous

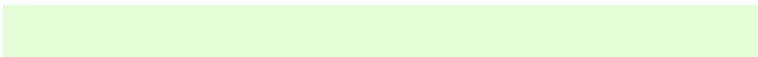
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5662, 0.3618, 0.3661



94.5662, 0.3443, 0.3763



94.5662, 0.3188, 0.3731

Triad

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



94.5662, 0.3443, 0.3763



94.5662, 0.2624, 0.3074



94.5662, 0.3321, 0.3037

Complementary

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



94.5662, 0.3443, 0.3763



64.5660, 0.2788, 0.2768

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.



94.5662, 0.3048, 0.2894



94.5662, 0.3443, 0.3763



94.5662, 0.2655, 0.2906

Square

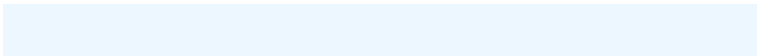
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.5662, 0.3443, 0.3763



94.5662, 0.2720, 0.3316



94.5662, 0.2807, 0.2844



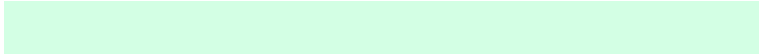
94.5662, 0.3548, 0.3244

Rectangle

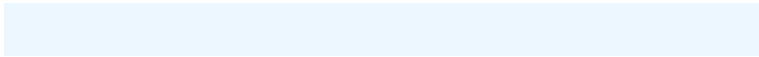
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.5662, 0.3443, 0.3763



94.5662, 0.3008, 0.3632



94.5662, 0.2807, 0.2844



94.5662, 0.3231, 0.2981

Sweetspot

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



94.5673, 0.3443, 0.3763



98.3041, 0.3217, 0.3426



68.5125, 0.3503, 0.3247



21.0027, 0.3227, 0.3441



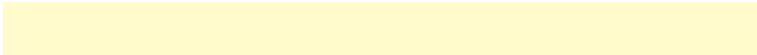
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

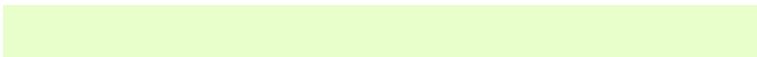
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5673, 0.3443, 0.3763



93.6962, 0.3501, 0.3849



93.2160, 0.3293, 0.3824



20.8372, 0.3271, 0.3507



42.3653, 0.4335, 0.4940



4.1933, 0.4317, 0.4954

Inverse Universe

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



64.5660, 0.2788, 0.2768



59.2857, 0.2719, 0.2662



65.9070, 0.2933, 0.2747



17.6023, 0.2978, 0.3063



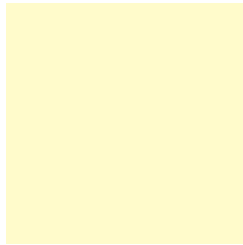
4.1066, 0.1513, 0.0647



0.4739, 0.1542, 0.0752

Previews

White Background



This preview shows how the Yxy color 94.5662, 0.3443, 0.3763 looks on a white background.

Color Contrast Check

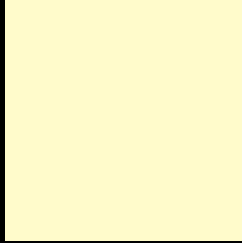
Large Text (above 18pt) WCAG AA × Fail

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 94.5662, 0.3443, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

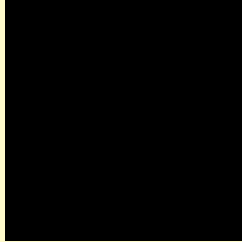
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5662, 0.3443, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 94.5662, 0.3443, 0.3763.

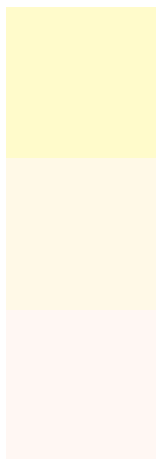


This preview shows how white text looks on a background with the Yxy color 94.5662, 0.3443, 0.3763.

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

94.5662, 0.3443, 0.3763

Protanopia

94.7809, 0.3274, 0.3466

Deuteranopia

94.2526, 0.3203, 0.3329



Tritanopia

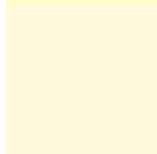
94.3915, 0.3131, 0.3204

Trichromacy



Original Color

94.5662, 0.3443, 0.3763



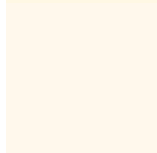
Protanomaly

94.8517, 0.3334, 0.3574



Deuteranomaly

93.9962, 0.3293, 0.3486



Tritanomaly

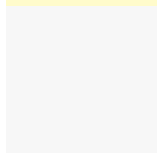
94.4509, 0.3244, 0.3407

Monochromacy



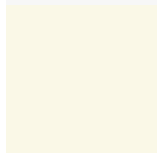
Original Color

94.5662, 0.3443, 0.3763



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.2283, 0.3242, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5662, 0.3443, 0.3763 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, 251, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 203)  
}
```

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, 251, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 203) }
```

Border

The CSS property to change the border of an element to Yxy 94.5662, 0.3443, 0.3763 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, 251, 203) }
```

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

```
.border{ border-color:rgb(255, 251, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5662, 0.3443, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 203) }
```

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

```
.background{ background-color: rgb(255,  
251, 203) }
```

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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