

Converting Colors

$Yxy(92.4177, 0.3597, 0.3991)$

Have a look what the booklet for
Yxy(92.4177, 0.3597, 0.3991)
contains.

Yxy(92.2660, 0.3595, 0.3984)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.2660, 0.3595, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9B3
RGB	255, 249, 179
RGB Percent	100%, 98%, 70%
CMY	0.0000, 0.0235, 0.2980
CMYK	0.00, 0.02, 0.30, 0.00
HSL	55°, 100%, 85%
HSV	55°, 30%, 100%
XYZ	83.2571, 92.2660, 56.0683
YIQ	242.8140, 26.0460, -20.4980

Conversions

Conversions Part 2

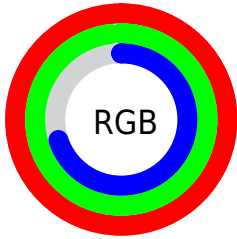
Format	Color
R_{YB}	186, 255, 179
Decimal	16775603
CIE _{Lab}	96.93, -8.36, 34.40
CIE _{LCh}	97, 35.400, 103.653
Yxy	92.2660, 0.3595, 0.3984
Android (android.graphics.Color)	4294965683 (0xFFFFF9B3)
YUV	242.8140, -31.4603, 10.6871
Hunter-Lab	96.0552, -13.3794, 32.6305

Details

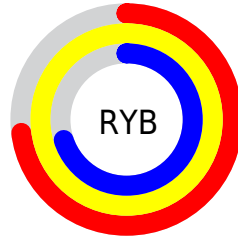
The Yxy color **92.2660, 0.3595, 0.3984** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.5019, 0.2606, 0.2486**, and the grayscale version is **89.7113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **51.5166, 0.3679, 0.4133** is the 20% darker color. If you saturate the color by 10%, you get **90.0909, 0.3754, 0.4212**, and if you desaturate by 10%, it is **94.6468, 0.3434, 0.3749**.

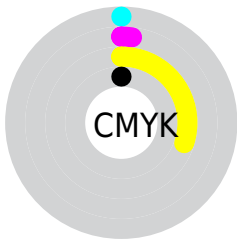
Distribution



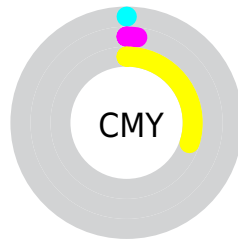
- Red (100%)
- Green (98%)
- Blue (70%)



- Red (73%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2660, 0.3595, 0.3984 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 92.2660, 0.3595, 0.3984 by changing the saturation by 10% instead.


 92.2660, 0.3595,
0.3984

 92.2660, 0.3595,
0.3984


535.3748, 0.3393,
0.3674

 69.8616, 0.3637,
0.4051

 150.4820, 0.3528,
0.3879

 51.4137, 0.3688,
0.4133


187.0624, 0.3501,
0.3837

 36.5380, 0.3748,
0.4233


229.1369, 0.3477,
0.3801

 24.8500, 0.3822,
0.4359

277.0899, 0.3457,
0.3770

 15.9653, 0.3912,
0.4520

331.3058, 0.3438,
0.3742

 9.4996, 0.4022,
0.4732

392.1690, 0.3421,

 5.0685, 0.4151,

0.3717

0.5017

460.0639, 0.3407,
0.3694

■ 2.2875, 0.4421,
0.5579

■ 0.7671, 0.4064,
0.5936

■ 92.2660, 0.3595,
0.3984

■ 92.2660, 0.3595,
0.3984

■ 90.0909, 0.3754,
0.4212

■ 94.6468, 0.3434,
0.3749

■ 88.1085, 0.3904,
0.4423

■ 97.2407, 0.3276,
0.3514

■ 86.3081, 0.4040,
0.4606

100.0000, 0.3127,
0.3290

■ 84.6767, 0.4155,
0.4753

■ 83.1996, 0.4243,
0.4857

■ 81.8590, 0.4304,
0.4915

■ 80.6270, 0.4341,
0.4935

■ 80.6032, 0.4341,
0.4935

Harmonies

Analogous

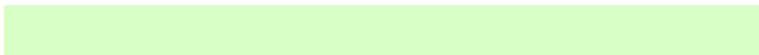
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2660, 0.3851, 0.3813



92.2660, 0.3595, 0.3984



92.2660, 0.3222, 0.3956

Triad

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



92.2660, 0.3595, 0.3984



92.2660, 0.2405, 0.2976



92.2660, 0.3394, 0.2917

Complementary

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



92.2660, 0.3595, 0.3984



51.5019, 0.2606, 0.2486

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.



92.2660, 0.2993, 0.2719



92.2660, 0.3595, 0.3984



92.2660, 0.2443, 0.2734

Square

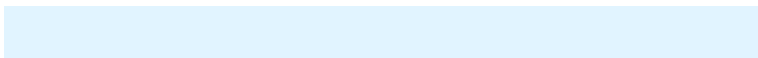
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2660, 0.3595, 0.3984



92.2660, 0.2545, 0.3336



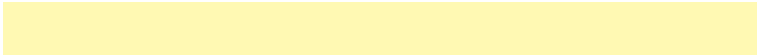
92.2660, 0.2650, 0.2650



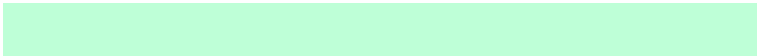
92.2660, 0.3738, 0.3204

Rectangle

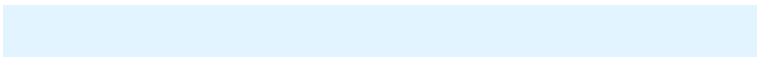
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.2660, 0.3595, 0.3984



92.2660, 0.2961, 0.3813



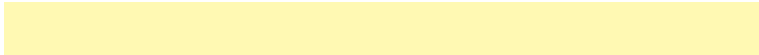
92.2660, 0.2650, 0.2650



92.2660, 0.3261, 0.2839

Sweetspot

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



92.2668, 0.3595, 0.3984



97.4586, 0.3263, 0.3495



57.0177, 0.3742, 0.3225



20.7759, 0.3286, 0.3529



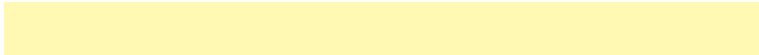
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

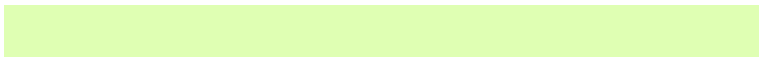
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2668, 0.3595, 0.3984



90.8950, 0.3694, 0.4127



90.5158, 0.3366, 0.4093



20.8308, 0.3271, 0.3507



42.2198, 0.4339, 0.4937



4.1806, 0.4320, 0.4952

Inverse Universe

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



51.5019, 0.2606, 0.2486



43.9447, 0.2480, 0.2287



53.2605, 0.2823, 0.2467



17.6080, 0.2978, 0.3064



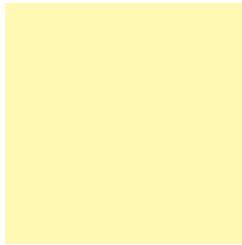
4.1170, 0.1514, 0.0649



0.4766, 0.1543, 0.0756

Previews

White Background



This preview shows how the Yxy color 92.2660, 0.3595, 0.3984 looks on a white background.

Color Contrast Check

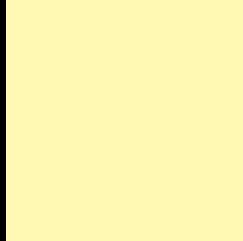
Large Text (above 18pt) WCAG AA × Fail

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 92.2660, 0.3595, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

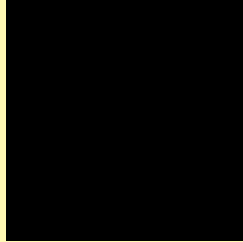
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2660, 0.3595, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 92.2660, 0.3595, 0.3984.

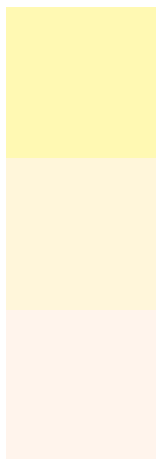


This preview shows how white text looks on a background with the Yxy color 92.2660, 0.3595, 0.3984.

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

92.2660, 0.3595, 0.3984

Protanopia

92.2335, 0.3358, 0.3566

Deuteranopia

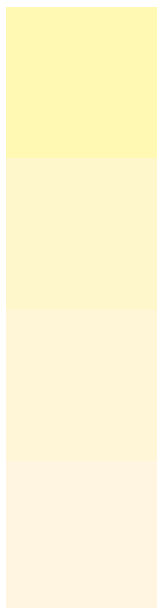
92.0175, 0.3248, 0.3368



Tritanopia

92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.2660, 0.3595, 0.3984

Protanomaly

92.1412, 0.3444, 0.3716

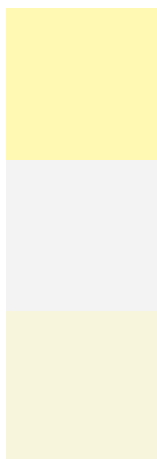
Deuteranomaly

92.0778, 0.3377, 0.3596

Tritanomaly

92.0011, 0.3315, 0.3487

Monochromacy



Original Color

92.2660, 0.3595, 0.3984

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.2463, 0.3293, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2660, 0.3595, 0.3984 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 179) }
```

Border

The CSS property to change the border of an element to Yxy 92.2660, 0.3595, 0.3984 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, 179) }
```

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

```
.border{ border-color:rgb(255, 249, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2660, 0.3595, 0.3984 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
249, 179) }
```

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