

Converting Colors

$Y_{xy}(118.1949, 0.4291, 0.3824)$

Have a look what the booklet for
Yxy(118.1949, 0.4291, 0.3824)
contains.

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Color

Yxy(92.8859, 0.3592, 0.3993)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAB3
RGB	255, 250, 179
RGB Percent	100%, 98%, 70%
CMY	0.0001, 0.0196, 0.2980
CMYK	0.00, 0.02, 0.30, 0.00
HSL	56°, 100%, 85%
HSV	56°, 30%, 100%
XYZ	83.5578, 92.8859, 56.1782
YIQ	243.4010, 25.7710, -21.0210

Conversions

Conversions Part 2

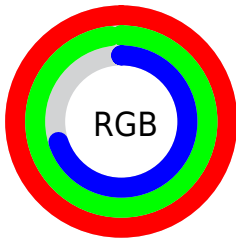
Format	Color
RYB	184, 255, 179
Decimal	16775859
CIELab	97.18, -8.87, 34.73
CIELCh	97, 35.844, 104.324
Yxy	92.8859, 0.3592, 0.3993
Android (android.graphics.Color)	4294965939 (0xFFFFFAB3)
YUV	243.4010, -31.7497, 10.1723
Hunter-Lab	96.3773, -13.9034, 32.9041

Details

The Yxy color **92.8859, 0.3592, 0.3993** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.0773, 0.2605, 0.2474**, and the grayscale version is **90.2076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **51.9602, 0.3675, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **90.9199, 0.3749, 0.4223**, and if you desaturate by 10%, it is **95.0602, 0.3432, 0.3755**.

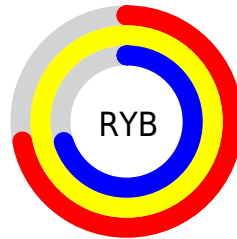
Distribution



Red (100%)

Green (98%)

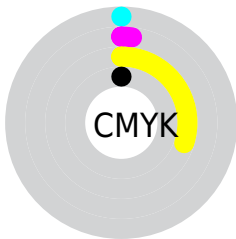
Blue (70%)



Red (72%)

Yellow (100%)

Blue (70%)

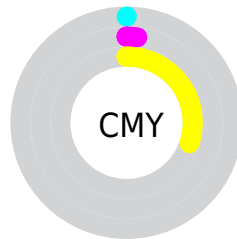


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8859, 0.3592, 0.3993 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 92.8859, 0.3592, 0.3993 by changing the saturation by 10% instead.


 92.8859, 0.3592,
0.3993

 92.8859, 0.3592,
0.3993

537.3745, 0.3392,
0.3679

 70.3767, 0.3634,
0.4061


 151.3406, 0.3526,
0.3887

 51.8337, 0.3683,
0.4144


188.0549, 0.3499,
0.3845

 36.8725, 0.3743,
0.4245


230.2730, 0.3476,
0.3808

 25.1088, 0.3815,
0.4372

278.3793, 0.3455,
0.3776

 16.1581, 0.3903,
0.4536

332.7583, 0.3437,
0.3748

 9.6361, 0.4010,
0.4750

393.7942, 0.3420,

 5.1584, 0.4135,

0.3722

0.5037

461.8715, 0.3405,
0.3700

■ 2.3405, 0.4396,
0.5604

■ 0.7950, 0.4041,
0.5959

■ 92.8859, 0.3592,
0.3993

■ 92.8859, 0.3592,
0.3993

■ 90.9199, 0.3749,
0.4223

■ 95.0602, 0.3432,
0.3755

■ 89.1391, 0.3896,
0.4436

■ 97.4400, 0.3275,
0.3517

■ 87.5361, 0.4029,
0.4621

99.9963, 0.3127,
0.3290

■ 86.0979, 0.4139,
0.4769

■ 84.8099, 0.4224,
0.4874

■ 83.6545, 0.4281,
0.4934

■ 82.6035, 0.4314,
0.4956

■ 82.5823, 0.4315,
0.4956

Harmonies

Analogous

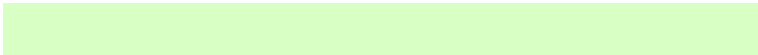
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8859, 0.3855, 0.3823



92.8859, 0.3592, 0.3993



92.8859, 0.3214, 0.3960

Triad

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



92.8859, 0.3592, 0.3993



92.8859, 0.2397, 0.2965



92.8859, 0.3406, 0.2919

Complementary

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



92.8859, 0.3592, 0.3993



51.0773, 0.2605, 0.2474

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.



92.8859, 0.3000, 0.2716



92.8859, 0.3592, 0.3993



92.8859, 0.2439, 0.2725

Square

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



92.8859, 0.3592, 0.3993



92.8859, 0.2534, 0.3327



92.8859, 0.2652, 0.2643



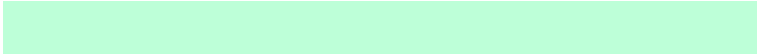
92.8859, 0.3750, 0.3210

Rectangle

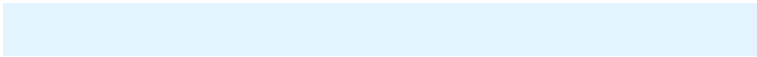
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.8859, 0.3592, 0.3993



92.8859, 0.2950, 0.3813



92.8859, 0.2652, 0.2643



92.8859, 0.3271, 0.2839

Sweetspot

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



92.8901, 0.3592, 0.3993



97.6551, 0.3263, 0.3498



56.9656, 0.3753, 0.3239



20.8247, 0.3285, 0.3532



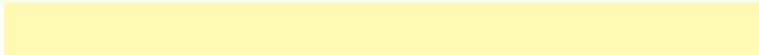
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

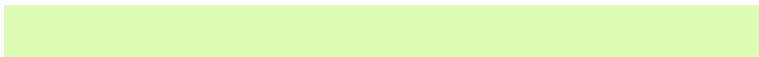
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8901, 0.3592, 0.3993



91.6603, 0.3690, 0.4138



90.3020, 0.3357, 0.4095



20.8752, 0.3271, 0.3510



43.2454, 0.4313, 0.4958



4.2696, 0.4298, 0.4970

Inverse Universe

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



51.0773, 0.2605, 0.2474



43.4796, 0.2478, 0.2272



53.4511, 0.2832, 0.2470



17.5684, 0.2978, 0.3060



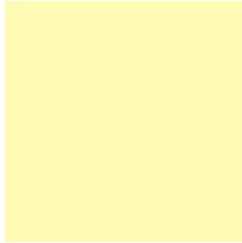
4.0481, 0.1511, 0.0639



0.4578, 0.1536, 0.0730

Previews

White Background



This preview shows how the Yxy color 92.8859, 0.3592, 0.3993 looks on a white background.

Color Contrast Check

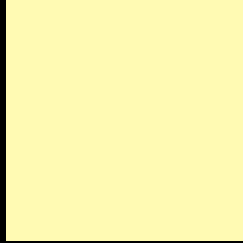
Large Text (above 18pt) WCAG AA × Fail

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 92.8859, 0.3592, 0.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

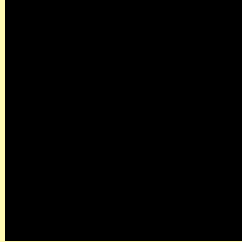
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8859, 0.3592, 0.3993

Background



This preview shows how black text looks on a background with the Yxy color 92.8859, 0.3592, 0.3993.

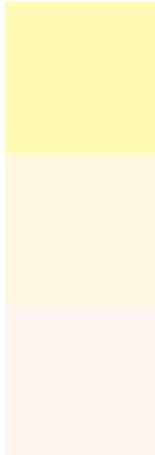


This preview shows how white text looks on a background with the Yxy color 92.8859, 0.3592, 0.3993.

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

92.8859, 0.3592, 0.3993

Protanopia

93.0020, 0.3338, 0.3546

Deuteranopia

92.7379, 0.3235, 0.3358



Tritanopia

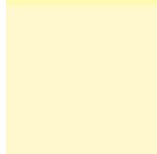
92.9896, 0.3150, 0.3213

Trichromacy



Original Color

92.8859, 0.3592, 0.3993



Protanomaly

92.8510, 0.3430, 0.3705



Deuteranomaly

92.7913, 0.3363, 0.3586



Tritanomaly

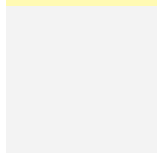
92.6078, 0.3314, 0.3496

Monochromacy



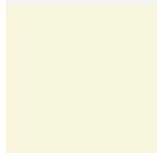
Original Color

92.8859, 0.3592, 0.3993



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.8530, 0.3292, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8859, 0.3592, 0.3993 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, 250, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 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, 250, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 179) }
```

Border

The CSS property to change the border of an element to Yxy 92.8859, 0.3592, 0.3993 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, 250, 179) }
```

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

```
.border{ border-color:rgb(255, 250, 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, 250, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8859, 0.3592, 0.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 179) }
```

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

```
.background{ background-color: rgb(255,  
250, 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](#).

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