

Converting Colors

$Y_{xy}(92.7293, 0.3550, 0.3916)$

Have a look what the booklet for
Yxy(92.7293, 0.3550, 0.3916)
contains.

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Color

Yxy(92.5565, 0.3552, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9BA
RGB	255, 249, 186
RGB Percent	100%, 98%, 73%
CMY	0.0000, 0.0235, 0.2706
CMYK	0.00, 0.02, 0.27, 0.00
HSL	55°, 100%, 86%
HSV	55°, 27%, 100%
XYZ	83.9746, 92.5565, 59.8839
YIQ	243.6120, 23.7990, -18.3210

Conversions

Conversions Part 2

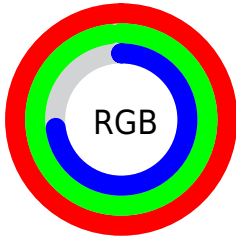
Format	Color
RYB	193, 255, 186
Decimal	16775610
CIELab	97.05, -7.50, 31.05
CIELCh	97, 31.938, 103.573
Yxy	92.5565, 0.3552, 0.3915
Android (android.graphics.Color)	4294965690 (0xFFFFF9BA)
YUV	243.6120, -28.4027, 9.9873
Hunter-Lab	96.2063, -12.5555, 30.4391

Details

The Yxy color **92.5565, 0.3552, 0.3915** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.3409, 0.2661, 0.2577**, and the grayscale version is **90.3583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **51.8116, 0.3643, 0.4057** is the 20% darker color. If you saturate the color by 10%, you get **90.2129, 0.3713, 0.4144**, and if you desaturate by 10%, it is **95.1180, 0.3391, 0.3681**.

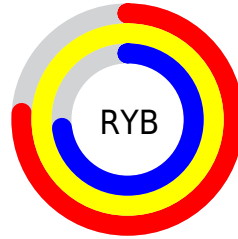
Distribution



Red (100%)

Green (98%)

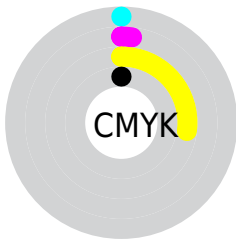
Blue (73%)



Red (76%)

Yellow (100%)

Blue (73%)

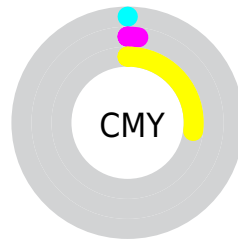


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5565, 0.3552, 0.3915 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 92.5565, 0.3552, 0.3915 by changing the saturation by 10% instead.


 92.5565, 0.3552,
0.3915

 92.5565, 0.3552,
0.3915

536.3124, 0.3368,
0.3636

 70.1029, 0.3591,
0.3976


 150.8845, 0.3491,
0.3820

 51.6105, 0.3637,
0.4050


187.5276, 0.3466,
0.3783

 36.6947, 0.3694,
0.4141


229.6695, 0.3445,
0.3750

 24.9712, 0.3763,
0.4255

277.6944, 0.3426,
0.3722

 16.0556, 0.3848,
0.4403

331.9867, 0.3409,
0.3697

 9.5635, 0.3956,
0.4600


392.9309, 0.3394,


 5.1105, 0.4089,


0.3674


0.4868


460.9114, 0.3380,
0.3654


 2.3123, 0.4470,
0.5530


 0.7802, 0.4172,
0.5828

 92.5565, 0.3552,
0.3915


 92.5565, 0.3552,
0.3915

 90.2129, 0.3713,
0.4144


 95.1180, 0.3391,
0.3681

 88.0644, 0.3868,
0.4360

 97.8945, 0.3234,
0.3449

 86.1039, 0.4011,
0.4550

99.9983, 0.3127,
0.3290

 84.3187, 0.4134,
0.4707

■ 82.6947, 0.4232,
0.4823

■ 81.2152, 0.4303,
0.4893

■ 79.8589, 0.4347,
0.4919

■ 79.4744, 0.4357,
0.4922

Harmonies

Analogous

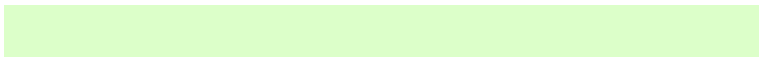
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5565, 0.3781, 0.3765



92.5565, 0.3552, 0.3915



92.5565, 0.3216, 0.3887

Triad

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



92.5565, 0.3552, 0.3915



92.5565, 0.2472, 0.3010



92.5565, 0.3368, 0.2951

Complementary

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



92.5565, 0.3552, 0.3915



55.3409, 0.2661, 0.2577

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.



92.5565, 0.3006, 0.2770



92.5565, 0.3552, 0.3915



92.5565, 0.2506, 0.2789

Square

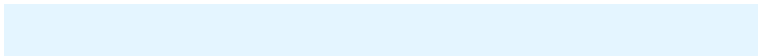
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.5565, 0.3552, 0.3915



92.5565, 0.2601, 0.3334



92.5565, 0.2695, 0.2709



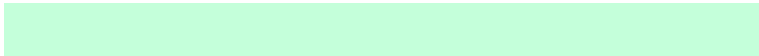
92.5565, 0.3676, 0.3213

Rectangle

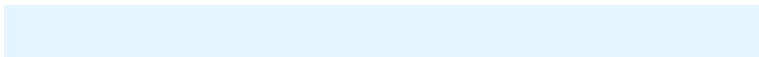
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5565, 0.3552, 0.3915



92.5565, 0.2980, 0.3759



92.5565, 0.2695, 0.2709



92.5565, 0.3248, 0.2880

Sweetspot

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



92.5607, 0.3552, 0.3915



97.6321, 0.3248, 0.3470



60.2149, 0.3658, 0.3220



20.8055, 0.3271, 0.3505



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

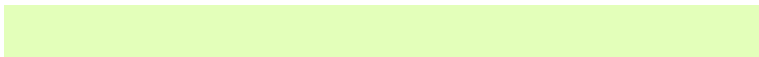
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5607, 0.3552, 0.3915



91.3829, 0.3632, 0.4029



91.4531, 0.3353, 0.4012



20.8055, 0.3271, 0.3505



41.6420, 0.4354, 0.4925



4.1304, 0.4334, 0.4941

Inverse Universe

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



55.3409, 0.2661, 0.2577



48.9835, 0.2562, 0.2424



56.5650, 0.2848, 0.2548



17.6307, 0.2979, 0.3066



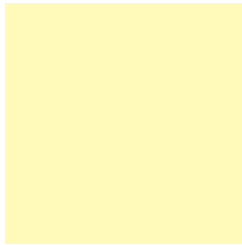
4.1605, 0.1515, 0.0655



0.4873, 0.1548, 0.0771

Previews

White Background



This preview shows how the Yxy color 92.5565, 0.3552, 0.3915 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 92.5565, 0.3552, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

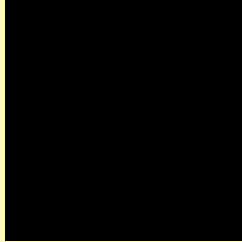
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.5565, 0.3552, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 92.5565, 0.3552, 0.3915.

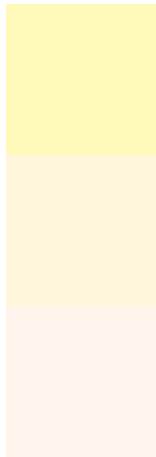


This preview shows how white text looks on a background with the Yxy color 92.5565, 0.3552, 0.3915.

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

92.5565, 0.3552, 0.3915

Protanopia

92.3388, 0.3345, 0.3546

Deuteranopia

92.6792, 0.3241, 0.3368



Tritanopia

92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.5565, 0.3552, 0.3915



Protanomaly

92.3356, 0.3419, 0.3676



Deuteranomaly

92.2335, 0.3358, 0.3566



Tritanomaly

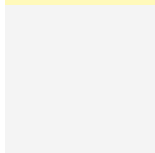
92.1663, 0.3297, 0.3457

Monochromacy



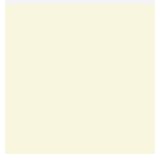
Original Color

92.5565, 0.3552, 0.3915



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.1957, 0.3280, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5565, 0.3552, 0.3915 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 186) }
```

Border

The CSS property to change the border of an element to Yxy 92.5565, 0.3552, 0.3915 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, 186) }
```

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

```
.border{ border-color:rgb(255, 249, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5565, 0.3552, 0.3915 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
249, 186) }
```

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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