

Converting Colors

$Y_{xy}(100.0000, 0.3763, 0.3802)$

Have a look what the booklet for
Yxy(100.0000, 0.3763, 0.3802)
contains.

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Color

Yxy(92.8171, 0.3515, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9C0
RGB	255, 249, 192
RGB Percent	100%, 98%, 75%
CMY	0.0000, 0.0235, 0.2471
CMYK	0.00, 0.02, 0.25, 0.00
HSL	54°, 100%, 88%
HSV	54°, 25%, 100%
XYZ	84.6309, 92.8171, 63.3227
YIQ	244.2960, 21.8730, -16.4550

Conversions

Conversions Part 2

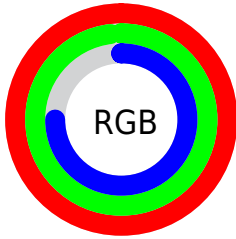
Format	Color
R_{YB}	199, 255, 192
Decimal	16775616
CIE _{Lab}	97.15, -6.71, 28.15
CIE _{LCh}	97, 28.939, 103.399
Yxy	92.8171, 0.3515, 0.3855
Android (android.graphics.Color)	4294965696 (0xFFFFF9C0)
YUV	244.2960, -25.7819, 9.3874
Hunter-Lab	96.3416, -11.7953, 28.4695

Details

The Yxy color **92.8171, 0.3515, 0.3855** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.8120, 0.2707, 0.2654**, and the grayscale version is **90.9154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **51.9807, 0.3597, 0.3982** is the 20% darker color. If you saturate the color by 10%, you get **90.2959, 0.3678, 0.4085**, and if you desaturate by 10%, it is **95.5602, 0.3353, 0.3623**.

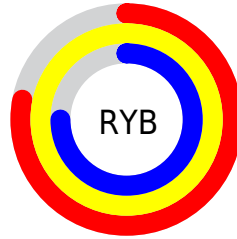
Distribution



Red (100%)

Green (98%)

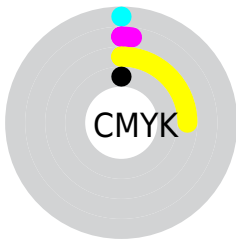
Blue (75%)



Red (78%)

Yellow (100%)

Blue (75%)

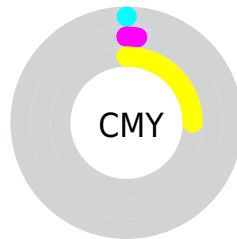


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8171, 0.3515, 0.3855 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 92.8171, 0.3515, 0.3855 by changing the saturation by 10% instead.


 92.8171, 0.3515,
0.3855

 92.8171, 0.3515,
0.3855


537.1528, 0.3346,
0.3603

 70.3195, 0.3551,
0.3910


 151.2454, 0.3459,
0.3769

 51.7870, 0.3594,
0.3977

187.9448, 0.3436,
0.3736

 36.8354, 0.3646,
0.4060


230.1470, 0.3416,
0.3706

 25.0800, 0.3711,
0.4164

278.2363, 0.3399,
0.3680

 16.1367, 0.3792,
0.4300

332.5972, 0.3384,
0.3658

 9.6209, 0.3896,
0.4481

393.6139, 0.3370,

 5.1484, 0.4029,

0.3637

0.4733

461.6710, 0.3357,
0.3619

■ 2.3346, 0.4411,
0.5361

■ 0.7919, 0.4265,
0.5735

■ 92.8171, 0.3515,
0.3855

■ 92.8171, 0.3515,
0.3855

■ 90.2959, 0.3678,
0.4085

■ 95.5602, 0.3353,
0.3623

■ 87.9764, 0.3837,
0.4303

■ 98.5247, 0.3198,
0.3394

■ 85.8508, 0.3985,
0.4499

100.0000, 0.3127,
0.3290

■ 83.9070, 0.4115,
0.4664

■ 82.1311, 0.4223,
0.4788

■ 80.5071, 0.4303,
0.4868

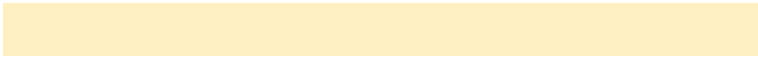
■ 79.0153, 0.4355,
0.4903

■ 78.2643, 0.4374,
0.4909

Harmonies

Analogous

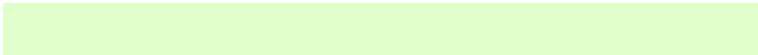
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8171, 0.3720, 0.3722



92.8171, 0.3515, 0.3855



92.8171, 0.3211, 0.3828

Triad

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



92.8171, 0.3515, 0.3855



92.8171, 0.2532, 0.3040



92.8171, 0.3344, 0.2980

Complementary

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



92.8171, 0.3515, 0.3855



58.8120, 0.2707, 0.2654

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.



92.8171, 0.3017, 0.2816



92.8171, 0.3515, 0.3855



92.8171, 0.2561, 0.2837

Square

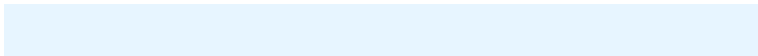
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.8171, 0.3515, 0.3855



92.8171, 0.2651, 0.3333



92.8171, 0.2734, 0.2761



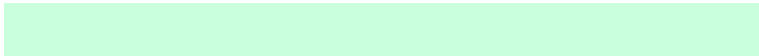
92.8171, 0.3622, 0.3221

Rectangle

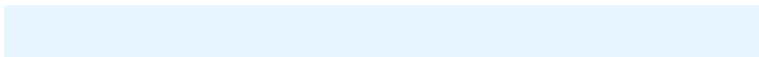
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.8171, 0.3515, 0.3855



92.8171, 0.2997, 0.3713



92.8171, 0.2734, 0.2761



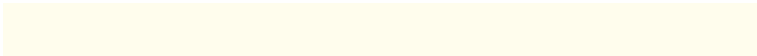
92.8171, 0.3235, 0.2915

Sweetspot

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



92.8205, 0.3515, 0.3855



97.8243, 0.3233, 0.3446



63.0502, 0.3598, 0.3226



20.8994, 0.3242, 0.3460



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

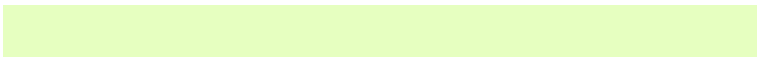
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8205, 0.3515, 0.3855



91.4578, 0.3601, 0.3978



92.1157, 0.3334, 0.3945



20.7777, 0.3272, 0.3503



41.0160, 0.4371, 0.4911



4.0760, 0.4348, 0.4930

Inverse Universe

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



58.8120, 0.2707, 0.2654



51.7690, 0.2603, 0.2494



59.7015, 0.2877, 0.2619



17.6556, 0.2979, 0.3068



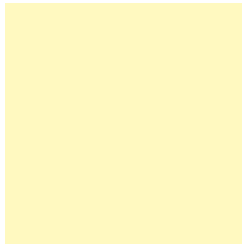
4.2117, 0.1517, 0.0662



0.4990, 0.1552, 0.0787

Previews

White Background



This preview shows how the Yxy color 92.8171, 0.3515, 0.3855 looks on a white background.

Color Contrast Check

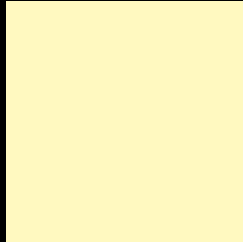
Large Text (above 18pt) WCAG AA × Fail

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 92.8171, 0.3515, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

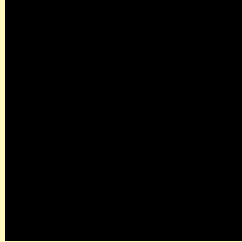
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8171, 0.3515, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 92.8171, 0.3515, 0.3855.

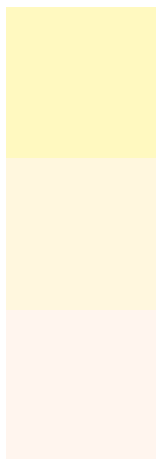


This preview shows how white text looks on a background with the Yxy color 92.8171, 0.3515, 0.3855.

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

92.8171, 0.3515, 0.3855

Protanopia

93.0555, 0.3332, 0.3536

Deuteranopia

92.7379, 0.3235, 0.3358



Tritanopia

93.0532, 0.3144, 0.3204

Trichromacy



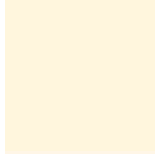
Original Color

92.8171, 0.3515, 0.3855



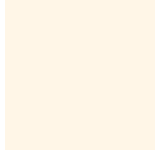
Protanomaly

93.0980, 0.3399, 0.3655



Deuteranomaly

92.3920, 0.3339, 0.3536



Tritanomaly

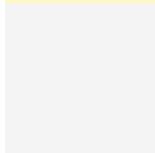
92.9411, 0.3277, 0.3437

Monochromacy



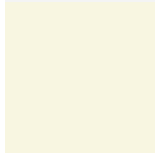
Original Color

92.8171, 0.3515, 0.3855



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.3042, 0.3268, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8171, 0.3515, 0.3855 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 192) }
```

Border

The CSS property to change the border of an element to Yxy 92.8171, 0.3515, 0.3855 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, 192) }
```

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

```
.border{ border-color:rgb(255, 249, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8171, 0.3515, 0.3855 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
249, 192) }
```

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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