

Converting Colors

$Yxy(92.1461, 0.3507, 0.3827)$

Have a look what the booklet for
Yxy(92.1461, 0.3507, 0.3827)
contains.

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Color

Yxy(92.2898, 0.3505, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C2
RGB	255, 248, 194
RGB Percent	100%, 97%, 76%
CMY	0.0000, 0.0274, 0.2393
CMYK	0.00, 0.03, 0.24, 0.00
HSL	53°, 100%, 88%
HSV	53°, 24%, 100%
XYZ	84.5467, 92.2898, 64.3809
YIQ	243.9370, 21.5060, -15.3100

Conversions

Conversions Part 2

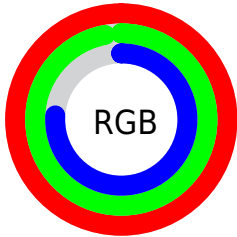
Format	Color
R_{YB}	202, 255, 194
Decimal	16775362
CIE _{Lab}	96.94, -5.94, 26.86
CIE _{LCh}	97, 27.505, 102.472
Yxy	92.2898, 0.3505, 0.3826
Android (android.graphics.Color)	4294965442 (0xFFFFF8C2)
YUV	243.9370, -24.6189, 9.7023
Hunter-Lab	96.0676, -11.0248, 27.5133

Details

The Yxy color **92.2898, 0.3505, 0.3826** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.4463, 0.2723, 0.2690**, and the grayscale version is **90.6004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **51.5985, 0.3584, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **89.4582, 0.3670, 0.4052**, and if you desaturate by 10%, it is **95.3484, 0.3342, 0.3598**.

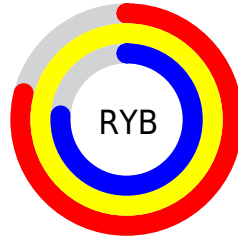
Distribution



Red (100%)

Green (97%)

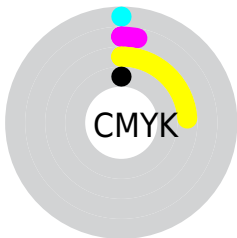
Blue (76%)



Red (79%)

Yellow (100%)

Blue (76%)

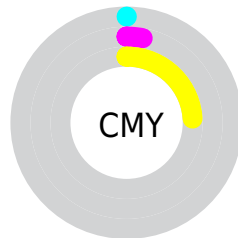


Cyan (0%)

Magenta (3%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2898, 0.3505, 0.3826 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 92.2898, 0.3505, 0.3826 by changing the saturation by 10% instead.


 92.2898, 0.3505,
0.3826

 92.2898, 0.3505,
0.3826


535.4517, 0.3340,
0.3587

 69.8814, 0.3540,
0.3878


 150.5150, 0.3450,
0.3745

 51.4298, 0.3583,
0.3942


187.1005, 0.3428,
0.3713

 36.5508, 0.3634,
0.4021


229.1805, 0.3408,
0.3685

 24.8599, 0.3698,
0.4120


277.1394, 0.3391,
0.3660

 15.9727, 0.3779,
0.4249

331.3616, 0.3376,
0.3639

 9.5048, 0.3884,
0.4423

392.2314, 0.3363,

 5.0719, 0.4021,

0.3619

0.4665

460.1333, 0.3351,
0.3602

■ 2.2895, 0.4382,
0.5242

■ 0.7682, 0.4324,
0.5676

■ 92.2898, 0.3505,
0.3826

■ 92.2898, 0.3505,
0.3826

■ 89.4582, 0.3670,
0.4052

■ 95.3484, 0.3342,
0.3598

■ 86.8399, 0.3833,
0.4268

■ 98.6400, 0.3186,
0.3375

■ 84.4251, 0.3987,
0.4464

100.0000, 0.3127,
0.3290

■ 82.2015, 0.4125,
0.4629

■ 80.1556, 0.4241,
0.4755

■ 78.2713, 0.4329,
0.4836

■ 76.5293, 0.4389,
0.4872

■ 75.5248, 0.4415,
0.4877

Harmonies

Analogous

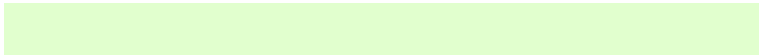
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2898, 0.3696, 0.3696



92.2898, 0.3505, 0.3826



92.2898, 0.3218, 0.3804

Triad

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



92.2898, 0.3505, 0.3826



92.2898, 0.2560, 0.3060



92.2898, 0.3325, 0.2988

Complementary

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



92.2898, 0.3505, 0.3826



60.4463, 0.2723, 0.2690

Split Complementary

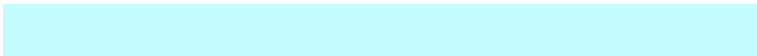
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2898, 0.3013, 0.2833



92.2898, 0.3505, 0.3826



92.2898, 0.2584, 0.2862

Square

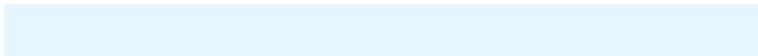
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2898, 0.3505, 0.3826



92.2898, 0.2678, 0.3341



92.2898, 0.2746, 0.2785



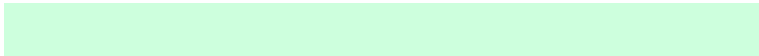
92.2898, 0.3592, 0.3217

Rectangle

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



92.2898, 0.3505, 0.3826



92.2898, 0.3013, 0.3698



92.2898, 0.2746, 0.2785



92.2898, 0.3221, 0.2927

Sweetspot

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



92.2910, 0.3505, 0.3826



97.6044, 0.3233, 0.3443



64.0543, 0.3571, 0.3218



20.8483, 0.3242, 0.3456



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

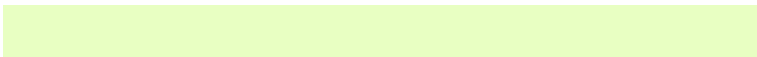
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2910, 0.3505, 0.3826



90.8276, 0.3589, 0.3941



92.5041, 0.3334, 0.3922



20.7141, 0.3272, 0.3498



39.6052, 0.4411, 0.4880



3.9529, 0.4382, 0.4902

Inverse Universe

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



60.4463, 0.2723, 0.2690



53.6727, 0.2625, 0.2542



60.6009, 0.2879, 0.2641



17.7130, 0.2979, 0.3073



4.3436, 0.1523, 0.0681



0.5260, 0.1562, 0.0824

Previews

White Background



This preview shows how the Yxy color 92.2898, 0.3505, 0.3826 looks on a white background.

Color Contrast Check

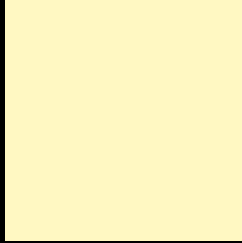
Large Text (above 18pt) WCAG AA × Fail

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 92.2898, 0.3505, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

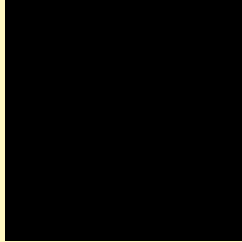
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2898, 0.3505, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 92.2898, 0.3505, 0.3826.



This preview shows how white text looks on a background with the Yxy color 92.2898, 0.3505, 0.3826.

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

92.2898, 0.3505, 0.3826

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

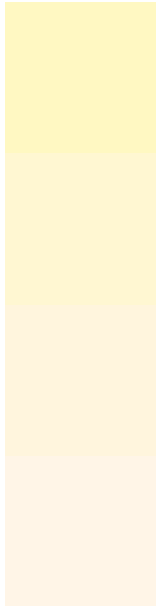
92.0758, 0.3242, 0.3358



Tritanopia

92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.2898, 0.3505, 0.3826

Protanomaly

92.4347, 0.3407, 0.3656

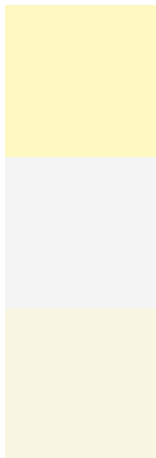
Deuteranomaly

91.7853, 0.3341, 0.3527

Tritanomaly

92.3343, 0.3278, 0.3427

Monochromacy



Original Color

92.2898, 0.3505, 0.3826

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.7523, 0.3262, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2898, 0.3505, 0.3826 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, 248, 194)` looks like.

```
.text, #text, p{  
  color:rgb(255, 248, 194)  
}
```

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, 248, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 194) }
```

Border

The CSS property to change the border of an element to Yxy 92.2898, 0.3505, 0.3826 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, 248, 194) }
```

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

```
.border{ border-color:rgb(255, 248, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2898, 0.3505, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 194) }
```

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

```
.background{ background-color: rgb(255,  
248, 194) }
```

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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