

Converting Colors

Yxy(100.0000, 0.4099, 0.4240)

Have a look what the booklet for
Yxy(100.0000, 0.4099, 0.4240)
contains.

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Color

Yxy(91.5247, 0.3818, 0.4360)

Conversions

Conversions Part 1

Format	Color
Hex	FFFA8C
RGB	255, 250, 140
RGB Percent	100%, 98%, 55%
CMY	0.0002, 0.0195, 0.4510
CMYK	0.00, 0.02, 0.45, 0.00
HSL	57°, 100%, 77%
HSV	57°, 45%, 100%
XYZ	80.1471, 91.5247, 38.2472
YIQ	238.9550, 38.2900, -33.1500

Conversions

Conversions Part 2

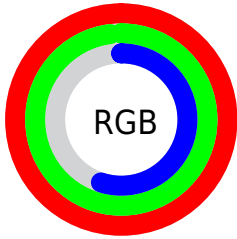
Format	Color
R _Y B	145, 255, 140
Decimal	16775820
CIE Lab	96.63, -13.08, 53.07
CIE LCh	97, 54.655, 103.848
Yxy	91.5247, 0.3818, 0.4360
Android (android.graphics.Color)	4294965900 (0xFFFFFA8C)
YUV	238.9550, -48.7848, 14.0715
Hunter-Lab	95.6685, -17.8801, 43.2645

Details

The Yxy color **91.5247, 0.3818, 0.4360** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **33.0203, 0.2281, 0.1932**, and the grayscale version is **86.6420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **51.0075, 0.3932, 0.4581** is the 20% darker color. If you saturate the color by 10%, you get **90.1832, 0.3953, 0.4562**, and if you desaturate by 10%, it is **93.0527, 0.3669, 0.4134**.

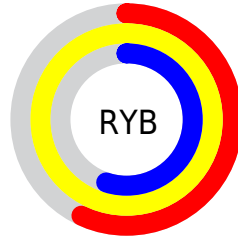
Distribution



Red (100%)

Green (98%)

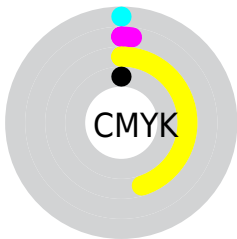
Blue (55%)



Red (57%)

Yellow (100%)

Blue (55%)

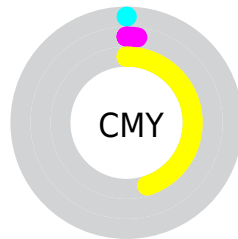


Cyan (0%)

Magenta (2%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (2%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.5247, 0.3818, 0.4360 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 91.5247, 0.3818, 0.4360 by changing the saturation by 10% instead.


 91.5247, 0.3818,
0.4360

 91.5247, 0.3818,
0.4360


532.9783, 0.3531,
0.3887

 69.2459, 0.3874,
0.4460


 149.4545, 0.3726,
0.4202

 50.9120, 0.3938,
0.4578


 185.8742, 0.3688,
0.4139

 36.1386, 0.4010,
0.4720


227.7765, 0.3654,
0.4083

 24.5412, 0.4090,
0.4891

275.5456, 0.3624,
0.4035

 15.7356, 0.4174,
0.5097

329.5659, 0.3597,
0.3992

 9.3373, 0.4251,
0.5345

390.2218, 0.3573,

 4.9618, 0.4323,

0.3953

0.5677

457.8978, 0.3551,
0.3918

■ 2.2249, 0.4149,
0.5851

■ 0.7335, 0.3400,
0.6600

■ 91.5247, 0.3818,
0.4360

■ 91.5247, 0.3818,
0.4360

■ 90.1832, 0.3953,
0.4562

■ 93.0527, 0.3669,
0.4134

■ 89.0035, 0.4068,
0.4731

■ 94.7658, 0.3514,
0.3894

■ 87.9760, 0.4159,
0.4858

■ 96.6782, 0.3357,
0.3650

■ 87.0846, 0.4223,
0.4942

■ 98.7993, 0.3203,
0.3410

■ 86.3095, 0.4260,
0.4982

99.9921, 0.3127,
0.3290

■ 85.9578, 0.4272,
0.4990

Harmonies

Analogous

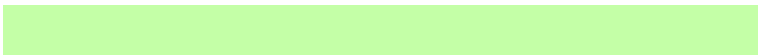
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5247, 0.4229, 0.4056



91.5247, 0.3818, 0.4360



91.5247, 0.3244, 0.4355

Triad

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



91.5247, 0.3818, 0.4360



91.5247, 0.2051, 0.2781



91.5247, 0.3535, 0.2733

Complementary

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



91.5247, 0.3818, 0.4360



33.0203, 0.2281, 0.1932

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.



91.5247, 0.2914, 0.2447



91.5247, 0.3818, 0.4360



91.5247, 0.2109, 0.2441

Square

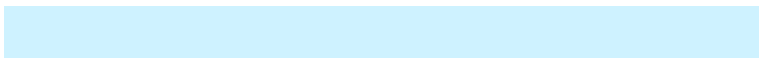
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.5247, 0.3818, 0.4360



91.5247, 0.2242, 0.3338



91.5247, 0.2407, 0.2338



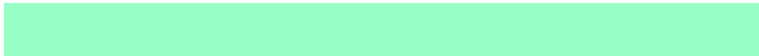
91.5247, 0.4079, 0.3144

Rectangle

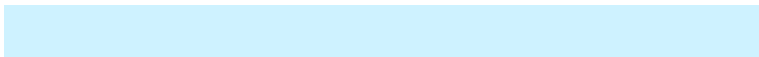
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.5247, 0.3818, 0.4360



91.5247, 0.2850, 0.4128



91.5247, 0.2407, 0.2338



91.5247, 0.3326, 0.2621

Sweetspot

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



91.5289, 0.3818, 0.4360



96.9358, 0.3340, 0.3624



42.0721, 0.4286, 0.3234



20.6551, 0.3373, 0.3676



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.



91.5289, 0.3818, 0.4360



90.3556, 0.3939, 0.4541



86.1142, 0.3443, 0.4550



20.9490, 0.3270, 0.3515



44.9904, 0.4270, 0.4991



4.4204, 0.4261, 0.4999

Inverse Universe

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



33.0203, 0.2281, 0.1932



25.2419, 0.2092, 0.1623



37.1408, 0.2648, 0.2003



17.5028, 0.2978, 0.3055



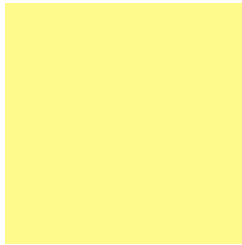
3.9509, 0.1507, 0.0625



0.4268, 0.1524, 0.0686

Previews

White Background



This preview shows how the Yxy color 91.5247, 0.3818, 0.4360 looks on a white background.

Color Contrast Check

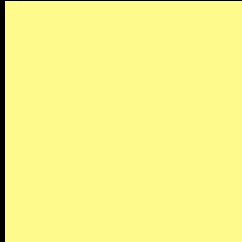
Large Text (above 18pt) WCAG AA × Fail

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 91.5247, 0.3818, 0.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

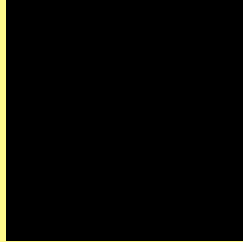
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.5247, 0.3818, 0.4360

Background



This preview shows how black text looks on a background with the Yxy color 91.5247, 0.3818, 0.4360.

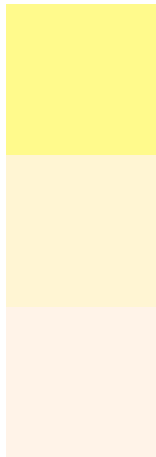


This preview shows how white text looks on a background with the Yxy color 91.5247, 0.3818, 0.4360.

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

91.5247, 0.3818, 0.4360

Protanopia

91.2680, 0.3404, 0.3627

Deuteranopia

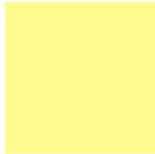
91.1874, 0.3274, 0.3398



Tritanopia

91.6664, 0.3163, 0.3213

Trichromacy



Original Color

91.5247, 0.3818, 0.4360



Protanomaly

91.2843, 0.3563, 0.3907



Deuteranomaly

91.2951, 0.3478, 0.3757



Tritanomaly

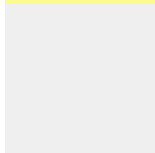
91.2180, 0.3410, 0.3637

Monochromacy



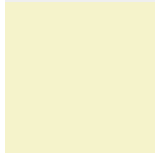
Original Color

91.5247, 0.3818, 0.4360



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.8255, 0.3389, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5247, 0.3818, 0.4360 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 140) }
```

Border

The CSS property to change the border of an element to Yxy 91.5247, 0.3818, 0.4360 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, 140) }
```

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

```
.border{ border-color:rgb(255, 250, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5247, 0.3818, 0.4360 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
250, 140) }
```

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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