

Converting Colors

Yxy(91.8086, 0.3727, 0.4226)

Have a look what the booklet for
Yxy(91.8086, 0.3727, 0.4226)
contains.

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Color

Yxy(91.8086, 0.3727, 0.4226)

Conversions

Conversions Part 1

Format	Color
Hex	FEFA9B
RGB	254, 250, 155
RGB Percent	100%, 98%, 61%
CMY	0.0040, 0.0195, 0.3921
CMYK	0.00, 0.02, 0.39, 0.00
HSL	58°, 98%, 80%
HSV	58°, 39%, 100%
XYZ	80.9680, 91.8086, 44.4705
YIQ	240.3660, 32.8790, -28.6970

Conversions

Conversions Part 2

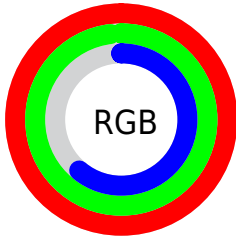
Format	Color
R _Y B	159, 254, 155
Decimal	16710299
CIE Lab	96.74, -11.98, 45.99
CIE LCh	97, 47.528, 104.594
Yxy	91.8086, 0.3727, 0.4226
Android (android.graphics.Color)	4294900379 (0xFFFEFA9B)
YUV	240.3660, -42.0854, 11.9570
Hunter-Lab	95.8168, -16.8417, 39.5541

Details

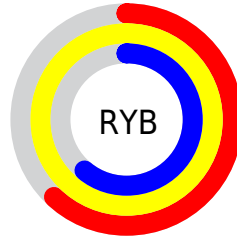
The Yxy color **91.8086, 0.3727, 0.4226** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.9113, 0.2411, 0.2142**, and the grayscale version is **87.7569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **51.2786, 0.3837, 0.4426** is the 20% darker color. If you saturate the color by 10%, you get **90.4179, 0.3870, 0.4444**, and if you desaturate by 10%, it is **93.3905, 0.3574, 0.3990**.

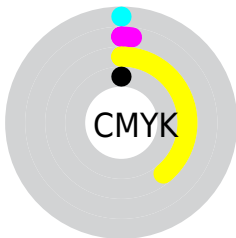
Distribution



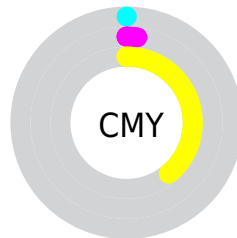
- Red (100%)
- Green (98%)
- Blue (61%)



- Red (62%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8086, 0.3727, 0.4226 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 91.8086, 0.3727, 0.4226 by changing the saturation by 10% instead.


 91.8086, 0.3727,
0.4226

 91.8086, 0.3727,
0.4226


533.8968, 0.3474,
0.3809

 69.4817, 0.3778,
0.4315


 149.8481, 0.3645,
0.4086

 51.1041, 0.3837,
0.4422


 186.3294, 0.3611,
0.4030

 36.2914, 0.3906,
0.4552


228.2977, 0.3581,
0.3981

 24.6594, 0.3985,
0.4712

276.1373, 0.3555,
0.3939

 15.8235, 0.4074,
0.4910

330.2326, 0.3532,
0.3901

 9.3993, 0.4166,
0.5156

390.9680, 0.3510,

 5.0025, 0.4368,

0.3867

0.5623

458.7279, 0.3491,
0.3837

■ 2.2488, 0.4215,
0.5785

■ 0.7464, 0.3585,
0.6415

■ 91.8086, 0.3727,
0.4226

■ 91.8086, 0.3727,
0.4226

■ 90.4179, 0.3870,
0.4444

■ 93.3905, 0.3574,
0.3990

■ 89.1945, 0.3998,
0.4635

■ 95.1615, 0.3417,
0.3746

■ 88.1300, 0.4103,
0.4789

■ 97.1352, 0.3262,
0.3502

■ 87.2099, 0.4183,
0.4900

■ 99.2167, 0.3121,
0.3281

■ 86.4171, 0.4236, 99.8052, 0.3121,
0.4966 0.3290

■ 85.7266, 0.4264,
0.4993

■ 85.6574, 0.4266,
0.4995

Harmonies

Analogous

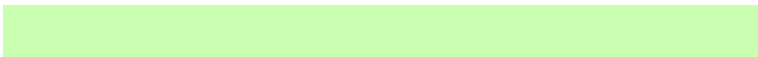
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8086, 0.4085, 0.3980



91.8086, 0.3727, 0.4226



91.8086, 0.3225, 0.4200

Triad

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



91.8086, 0.3727, 0.4226



91.8086, 0.2176, 0.2844



91.8086, 0.3498, 0.2809

Complementary

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



91.8086, 0.3727, 0.4226



38.9113, 0.2411, 0.2142

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.



91.8086, 0.2957, 0.2549



91.8086, 0.3727, 0.4226



91.8086, 0.2233, 0.2543

Square

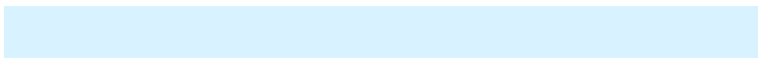
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.8086, 0.3727, 0.4226



91.8086, 0.2345, 0.3324



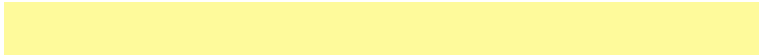
91.8086, 0.2505, 0.2450



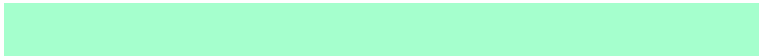
91.8086, 0.3962, 0.3178

Rectangle

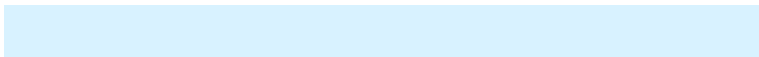
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.8086, 0.3727, 0.4226



91.8086, 0.2879, 0.3998



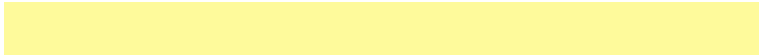
91.8086, 0.2505, 0.2450



91.8086, 0.3317, 0.2707

Sweetspot

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



91.8128, 0.3727, 0.4226



97.4056, 0.3309, 0.3576



47.0508, 0.4059, 0.3240



20.7923, 0.3329, 0.3608



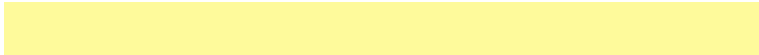
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

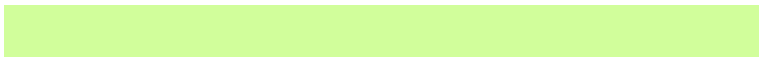
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8128, 0.3727, 0.4226



91.5149, 0.3843, 0.4404



86.8516, 0.3408, 0.4368



20.9588, 0.3270, 0.3516



45.2261, 0.4265, 0.4996



4.4407, 0.4256, 0.5003

Inverse Universe

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



38.9113, 0.2411, 0.2142



31.1221, 0.2239, 0.1861



42.8196, 0.2729, 0.2192



17.4941, 0.2978, 0.3054



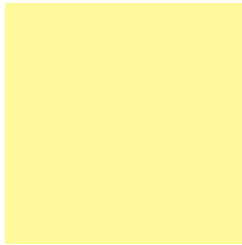
3.9386, 0.1507, 0.0624



0.4226, 0.1522, 0.0680

Previews

White Background



This preview shows how the Yxy color 91.8086, 0.3727, 0.4226 looks on a white background.

Color Contrast Check

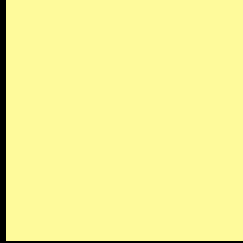
Large Text (above 18pt) WCAG AA × Fail

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 91.8086, 0.3727, 0.4226 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 91.8086, 0.3727, 0.4226

Background



This preview shows how black text looks on a background with the Yxy color 91.8086, 0.3727, 0.4226.



This preview shows how white text looks on a background with the Yxy color 91.8086, 0.3727, 0.4226.

Color Blindness Simulation

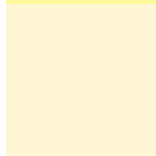
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



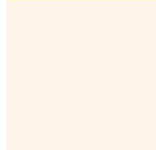
Original Color

91.8086, 0.3727, 0.4226



Protanopia

91.9756, 0.3389, 0.3616



Deuteranopia

91.8446, 0.3267, 0.3398



Tritanopia

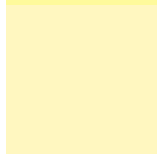
91.7293, 0.3157, 0.3203

Trichromacy



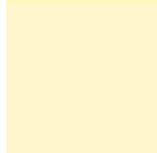
Original Color

91.8086, 0.3727, 0.4226



Protanomaly

91.5873, 0.3519, 0.3837



Deuteranomaly

91.5793, 0.3440, 0.3697



Tritanomaly

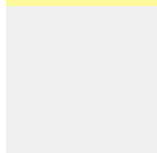
91.5227, 0.3372, 0.3577

Monochromacy



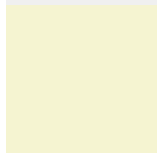
Original Color

91.8086, 0.3727, 0.4226



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.7173, 0.3349, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8086, 0.3727, 0.4226 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(254, 250, 155)` looks like.

```
.text, #text, p{  
    color:rgb(254, 250, 155)  
}
```

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(254, 250, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 250, 155) }
```

Border

The CSS property to change the border of an element to Yxy 91.8086, 0.3727, 0.4226 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(254, 250, 155) }
```

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

```
.border{ border-color:rgb(254, 250, 155) }
```

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

Here you see how a box with a 4 pixel rgb(254, 250, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 250, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 250, 155);  
box-shadow:4px 4px 4px 4px rgb(254, 250,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8086, 0.3727, 0.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 250, 155) }
```

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

```
.background{ background-color: rgb(254,  
250, 155) }
```

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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