

Converting Colors

$Yxy(95.0409, 0.3890, 0.4222)$

Have a look what the booklet for
Yxy(95.0409, 0.3890, 0.4222)
contains.

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Color

Yxy(91.8332, 0.3763, 0.4270)

Conversions

Conversions Part 1

Format	Color
Hex	FFFA96
RGB	255, 250, 150
RGB Percent	100%, 98%, 59%
CMY	0.0000, 0.0196, 0.4119
CMYK	0.00, 0.02, 0.41, 0.00
HSL	57°, 100%, 79%
HSV	57°, 41%, 100%
XYZ	80.9294, 91.8332, 42.3035
YIQ	240.0950, 35.0800, -30.0400

Conversions

Conversions Part 2

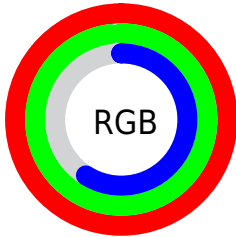
Format	Color
RYB	155, 255, 150
Decimal	16775830
CIELab	96.75, -12.09, 48.46
CIELCh	97, 49.948, 104.012
Yxy	91.8332, 0.3763, 0.4270
Android (android.graphics.Color)	4294965910 (0xFFFFFA96)
YUV	240.0950, -44.4168, 13.0717
Hunter-Lab	95.8296, -16.9563, 40.9075

Details

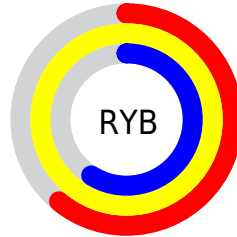
The Yxy color **91.8332, 0.3763, 0.4270** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.1345, 0.2365, 0.2074**, and the grayscale version is **87.5505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **51.3170, 0.3879, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **90.3522, 0.3905, 0.4482**, and if you desaturate by 10%, it is **93.5056, 0.3610, 0.4038**.

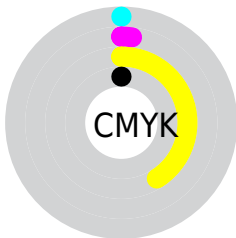
Distribution



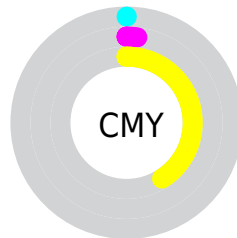
- Red (100%)
- Green (98%)
- Blue (59%)



- Red (61%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (2%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8332, 0.3763, 0.4270 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 91.8332, 0.3763, 0.4270 by changing the saturation by 10% instead.


 91.8332, 0.3763,
0.4270


 91.8332, 0.3763,
0.4270


533.9763, 0.3496,
0.3835

 69.5021, 0.3816,
0.4363


 149.8822, 0.3676,
0.4124

 51.1207, 0.3878,
0.4473


 186.3689, 0.3641,
0.4066

 36.3047, 0.3948,
0.4607


228.3429, 0.3610,
0.4015

 24.6696, 0.4029,
0.4770

276.1886, 0.3582,
0.3970

 15.8311, 0.4119,
0.4971

330.2904, 0.3557,
0.3931

 9.4047, 0.4207,
0.5214

391.0326, 0.3535,

 5.0061, 0.4367,

0.3895

0.5633

458.7998, 0.3514,
0.3864

■ 2.2508, 0.4208,
0.5792

■ 0.7475, 0.3571,
0.6429

■ 91.8332, 0.3763,
0.4270

■ 91.8332, 0.3763,
0.4270

■ 90.3522, 0.3905,
0.4482

■ 93.5056, 0.3610,
0.4038

■ 89.0392, 0.4030,
0.4664

■ 95.3684, 0.3453,
0.3797

■ 87.8848, 0.4132,
0.4808

■ 97.4352, 0.3296,
0.3554

■ 86.8741, 0.4208,
0.4909

■ 99.7152, 0.3145,
0.3317

■ 85.9890, 0.4256,
0.4964

100.0000, 0.3127,
0.3290

■ 85.2882, 0.4280,
0.4983

Harmonies

Analogous

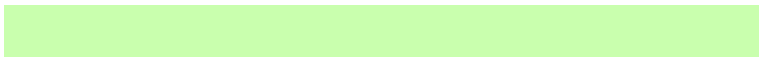
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8332, 0.4137, 0.4003



91.8332, 0.3763, 0.4270



91.8332, 0.3237, 0.4254

Triad

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



91.8332, 0.3763, 0.4270



91.8332, 0.2134, 0.2827



91.8332, 0.3505, 0.2780

Complementary

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



91.8332, 0.3763, 0.4270



37.1345, 0.2365, 0.2074

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.



91.8332, 0.2937, 0.2513



91.8332, 0.3763, 0.4270



91.8332, 0.2189, 0.2510

Square

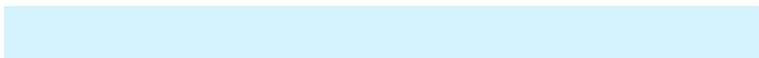
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.8332, 0.3763, 0.4270



91.8332, 0.2313, 0.3335



91.8332, 0.2468, 0.2412



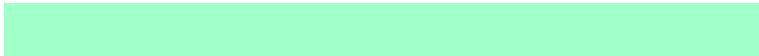
91.8332, 0.3998, 0.3162

Rectangle

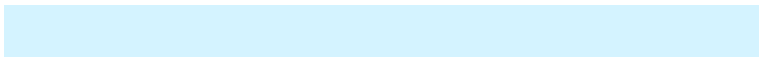
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.8332, 0.3763, 0.4270



91.8332, 0.2875, 0.4046



91.8332, 0.2468, 0.2412



91.8332, 0.3314, 0.2675

Sweetspot

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



91.8372, 0.3763, 0.4270



97.2589, 0.3309, 0.3574



45.4397, 0.4138, 0.3238



20.7576, 0.3329, 0.3605



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

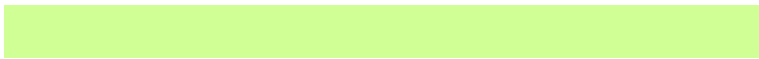
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8372, 0.3763, 0.4270



90.6616, 0.3875, 0.4438



87.0935, 0.3422, 0.4434



20.9339, 0.3270, 0.3514



44.6297, 0.4279, 0.4985



4.3892, 0.4268, 0.4993

Inverse Universe

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



37.1345, 0.2365, 0.2074



29.5752, 0.2198, 0.1803



40.9278, 0.2700, 0.2124



17.5161, 0.2978, 0.3056



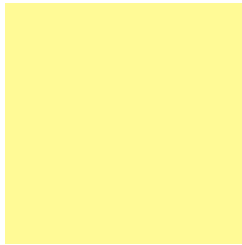
3.9700, 0.1508, 0.0628



0.4331, 0.1527, 0.0695

Previews

White Background



This preview shows how the Yxy color 91.8332, 0.3763, 0.4270 looks on a white background.

Color Contrast Check

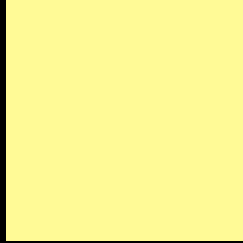
Large Text (above 18pt) WCAG AA × Fail

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 91.8332, 0.3763, 0.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

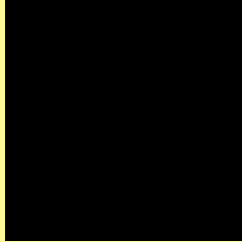
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.8332, 0.3763, 0.4270

Background



This preview shows how black text looks on a background with the Yxy color 91.8332, 0.3763, 0.4270.

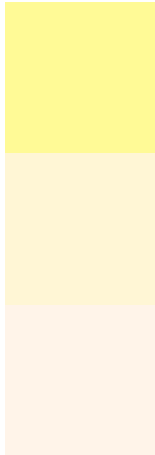


This preview shows how white text looks on a background with the Yxy color 91.8332, 0.3763, 0.4270.

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

91.8332, 0.3763, 0.4270

Protanopia

91.9756, 0.3389, 0.3616

Deuteranopia

91.8446, 0.3267, 0.3398



Tritanopia

91.6664, 0.3163, 0.3213

Trichromacy



Original Color

91.8332, 0.3763, 0.4270



Protanomaly

91.4992, 0.3532, 0.3857



Deuteranomaly

91.4833, 0.3452, 0.3717



Tritanomaly

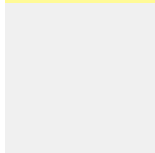
91.4199, 0.3385, 0.3597

Monochromacy



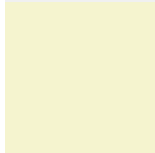
Original Color

91.8332, 0.3763, 0.4270



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.6188, 0.3362, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8332, 0.3763, 0.4270 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 150) }
```

Border

The CSS property to change the border of an element to Yxy 91.8332, 0.3763, 0.4270 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, 150) }
```

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

```
.border{ border-color:rgb(255, 250, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8332, 0.3763, 0.4270 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
250, 150) }
```

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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