

Converting Colors

$Y_{xy}(166.4012, 0.4105, 0.4544)$

Have a look what the booklet for
Yxy(166.4012, 0.4105, 0.4544)
contains.

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Color

Yxy(94.7031, 0.3793, 0.4391)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF8D
RGB	255, 255, 141
RGB Percent	100%, 100%, 55%
CMY	0.0000, 0.0000, 0.4471
CMYK	0.00, 0.00, 0.45, 0.00
HSL	60°, 100%, 78%
HSV	60°, 45%, 100%
XYZ	81.8057, 94.7031, 39.1667
YIQ	242.0040, 36.5940, -35.4540

Conversions

Conversions Part 2

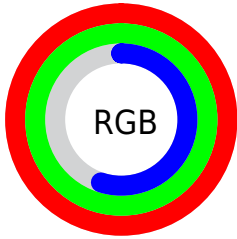
Format	Color
R _Y B	141, 255, 141
Decimal	16777101
CIE Lab	97.91, -15.40, 54.17
CIE LCh	98, 56.313, 105.871
Yxy	94.7031, 0.3793, 0.4391
Android (android.graphics.Color)	4294967181 (0xFFFFFFFF8D)
YUV	242.0040, -49.7950, 11.3975
Hunter-Lab	97.3155, -20.2509, 44.2584

Details

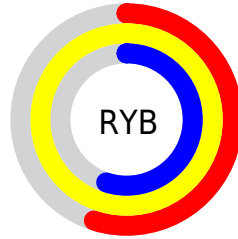
The Yxy color **94.7031, 0.3793, 0.4391** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **31.9338, 0.2279, 0.1887**, and the grayscale version is **89.1740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **52.8285, 0.3902, 0.4609** is the 20% darker color. If you saturate the color by 10%, you get **94.0277, 0.3919, 0.4599**, and if you desaturate by 10%, it is **95.5506, 0.3652, 0.4158**.

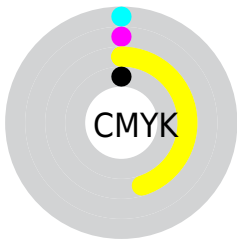
Distribution



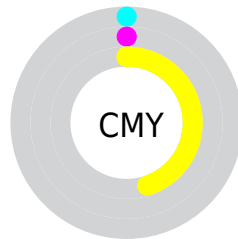
- Red (100%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7031, 0.3793, 0.4391 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 94.7031, 0.3793, 0.4391 by changing the saturation by 10% instead.


 94.7031, 0.3793,
0.4391

 94.7031, 0.3793,
0.4391


543.2141, 0.3520,
0.3905

 71.8879, 0.3845,
0.4493


 153.8544, 0.3706,
0.4229

 53.0671, 0.3904,
0.4615


 190.9592, 0.3670,
0.4164

 37.8563, 0.3971,
0.4760


233.5960, 0.3638,
0.4107

 25.8712, 0.4043,
0.4935

282.1493, 0.3610,
0.4057

 16.7273, 0.4117,
0.5147

337.0033, 0.3584,
0.4013

 10.0403, 0.4178,
0.5400

398.5425, 0.3561,

 5.4257, 0.4242,

0.3973

467.1513, 0.3539,
0.3938

0.5758

■ 2.4991, 0.4050,
0.5950

■ 0.8762, 0.3427,
0.6573

■ 94.7031, 0.3793,
0.4391

■ 94.7031, 0.3793,
0.4391

■ 94.0277, 0.3919,
0.4599

■ 95.5506, 0.3652,
0.4158

■ 93.5162, 0.4024,
0.4773

■ 96.5851, 0.3502,
0.3910

■ 93.1536, 0.4104,
0.4906

■ 97.8155, 0.3348,
0.3656

■ 92.9239, 0.4158,
0.4994

■ 99.2510, 0.3197,
0.3405

■ 92.8074, 0.4186,
0.5040

100.0000, 0.3127,
0.3290

■ 92.7769, 0.4193,
0.5053

Harmonies

Analogous

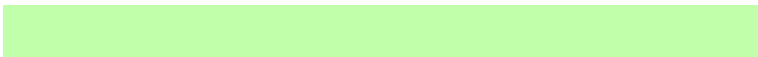
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7031, 0.4228, 0.4095



94.7031, 0.3793, 0.4391



94.7031, 0.3204, 0.4362

Triad

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



94.7031, 0.3793, 0.4391



94.7031, 0.2029, 0.2740



94.7031, 0.3585, 0.2749

Complementary

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



94.7031, 0.3793, 0.4391



31.9338, 0.2279, 0.1887

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.



94.7031, 0.2950, 0.2448



94.7031, 0.3793, 0.4391



94.7031, 0.2105, 0.2412

Square

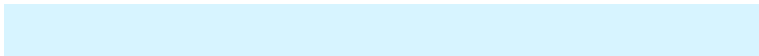
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.7031, 0.3793, 0.4391



94.7031, 0.2205, 0.3295



94.7031, 0.2423, 0.2324



94.7031, 0.4126, 0.3171

Rectangle

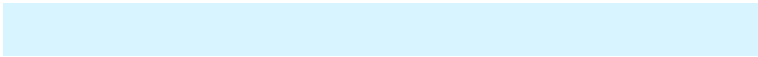
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.7031, 0.3793, 0.4391



94.7031, 0.2806, 0.4113



94.7031, 0.2423, 0.2324



94.7031, 0.3372, 0.2632

Sweetspot

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



94.7018, 0.3793, 0.4391



98.0455, 0.3322, 0.3613



42.2334, 0.4334, 0.3294



20.9223, 0.3356, 0.3669



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

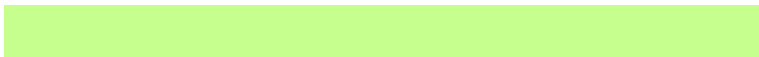
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7018, 0.3793, 0.4391



94.0697, 0.3911, 0.4585



85.4490, 0.3403, 0.4554



21.0907, 0.3269, 0.3525



48.4780, 0.4193, 0.5053



4.7201, 0.4193, 0.5053

Inverse Universe

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



31.9338, 0.2279, 0.1887



23.8159, 0.2078, 0.1555



38.2762, 0.2699, 0.2031



17.3779, 0.2978, 0.3044



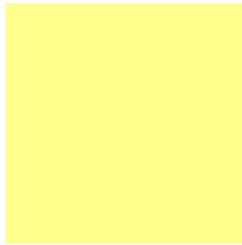
3.7727, 0.1500, 0.0600



0.3674, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 94.7031, 0.3793, 0.4391 looks on a white background.

Color Contrast Check

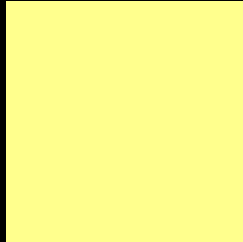
Large Text (above 18pt) WCAG AA × Fail

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 94.7031, 0.3793, 0.4391 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 94.7031, 0.3793, 0.4391

Background



This preview shows how black text looks on a background with the Yxy color 94.7031, 0.3793, 0.4391.



This preview shows how white text looks on a background with the Yxy color 94.7031, 0.3793, 0.4391.

Color Blindness Simulation

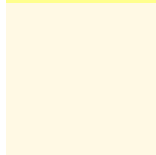
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



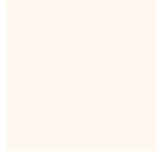
Original Color

94.7031, 0.3793, 0.4391



Protanopia

94.6128, 0.3292, 0.3495



Deuteranopia

94.7457, 0.3214, 0.3358



Tritanopia

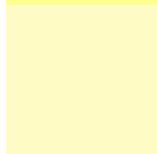
94.8098, 0.3149, 0.3242

Trichromacy



Original Color

94.7031, 0.3793, 0.4391



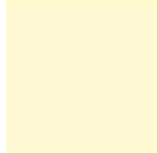
Protanomaly

94.2399, 0.3486, 0.3833



Deuteranomaly

94.6621, 0.3431, 0.3743



Tritanomaly

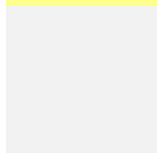
94.3847, 0.3389, 0.3664

Monochromacy



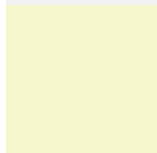
Original Color

94.7031, 0.3793, 0.4391



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.7035, 0.3383, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7031, 0.3793, 0.4391 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, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 141)  
}
```

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, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 141) }
```

Border

The CSS property to change the border of an element to Yxy 94.7031, 0.3793, 0.4391 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, 255, 141) }
```

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

```
.border{ border-color:rgb(255, 255, 141) }
```

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

Here you see how a box with a 4 pixel rgb(255, 255, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7031, 0.3793, 0.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 141) }
```

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

```
.background{ background-color: rgb(255,  
255, 141) }
```

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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