

Converting Colors

$Yxy(91.4030, 0.3907, 0.4512)$

Have a look what the booklet for
Yxy(91.4030, 0.3907, 0.4512)
contains.

Yxy(91.6595, 0.3907, 0.4519)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.6595, 0.3907, 0.4519)

Conversions

Conversions Part 1

Format	Color
Hex	FFFB7A
RGB	255, 251, 122
RGB Percent	100%, 98%, 48%
CMY	0.0001, 0.0156, 0.5216
CMYK	0.00, 0.02, 0.52, 0.00
HSL	58°, 100%, 74%
HSV	58°, 52%, 100%
XYZ	79.2462, 91.6595, 31.9257
YIQ	237.4900, 43.7930, -39.2710

Conversions

Conversions Part 2

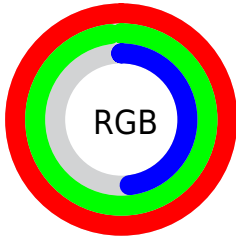
Format	Color
R _Y B	126, 255, 122
Decimal	16776058
CIE Lab	96.68, -15.10, 61.41
CIE LCh	97, 63.237, 103.811
Yxy	91.6595, 0.3907, 0.4519
Android (android.graphics.Color)	4294966138 (0xFFFFFB7A)
YUV	237.4900, -56.9366, 15.3563
Hunter-Lab	95.7390, -19.7930, 47.2461

Details

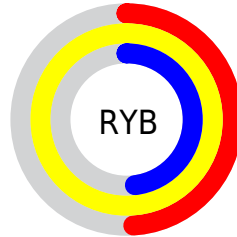
The Yxy color **91.6595, 0.3907, 0.4519** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **26.2714, 0.2126, 0.1666**, and the grayscale version is **85.5092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **51.1833, 0.4027, 0.4758** is the 20% darker color. If you saturate the color by 10%, you get **90.6370, 0.4025, 0.4700**, and if you desaturate by 10%, it is **92.8581, 0.3770, 0.4307**.

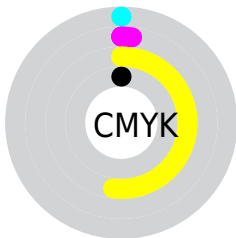
Distribution



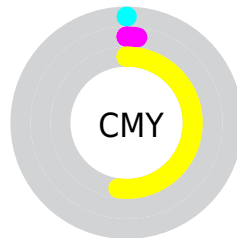
- Red (100%)
- Green (98%)
- Blue (48%)



- Red (49%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6595, 0.3907, 0.4519 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 91.6595, 0.3907, 0.4519 by changing the saturation by 10% instead.


 91.6595, 0.3907,
0.4519

 91.6595, 0.3907,
0.4519


533.4145, 0.3591,
0.3981

 69.3578, 0.3966,
0.4630


 149.6414, 0.3808,
0.4341

 51.0032, 0.4030,
0.4760


 186.0904, 0.3766,
0.4269

 36.2112, 0.4101,
0.4913


 228.0240, 0.3729,
0.4206

 24.5973, 0.4173,
0.5092

275.8266, 0.3696,
0.4151

 15.7773, 0.4238,
0.5298

329.8825, 0.3666,
0.4101

 9.3667, 0.4327,
0.5596

390.5762, 0.3638,

 4.9811, 0.4237,

0.4057

0.5763

458.2921, 0.3614,
0.4017

■ 2.2362, 0.4035,
0.5965

■ 0.7396, 0.3114,
0.6886

■ 91.6595, 0.3907,
0.4519

■ 91.6595, 0.3907,
0.4519

■ 90.6370, 0.4025,
0.4700

■ 92.8581, 0.3770,
0.4307

■ 89.7648, 0.4120,
0.4841

■ 94.2321, 0.3621,
0.4074

■ 89.0317, 0.4188,
0.4939

■ 95.7963, 0.3466,
0.3830

■ 88.4192, 0.4230,
0.4992

■ 97.5607, 0.3311,
0.3583

 88.0017, 0.4247,
0.5010

 99.5345, 0.3159,
0.3341

99.9975, 0.3127,
0.3290

Harmonies

Analogous

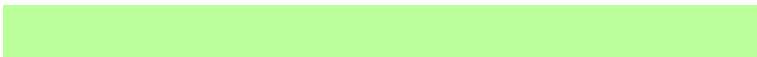
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6595, 0.4386, 0.4147



91.6595, 0.3907, 0.4519



91.6595, 0.3249, 0.4538

Triad

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



91.6595, 0.3907, 0.4519



91.6595, 0.1905, 0.2695



91.6595, 0.3593, 0.2655

Complementary

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



91.6595, 0.3907, 0.4519



26.2714, 0.2126, 0.1666

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.



91.6595, 0.2876, 0.2335



91.6595, 0.3907, 0.4519



91.6595, 0.1972, 0.2319

Square

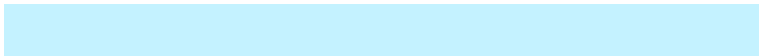
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.6595, 0.3907, 0.4519



91.6595, 0.2115, 0.3337



91.6595, 0.2303, 0.2210



91.6595, 0.4228, 0.3113

Rectangle

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



91.6595, 0.3907, 0.4519



91.6595, 0.2800, 0.4276



91.6595, 0.2303, 0.2210



91.6595, 0.3350, 0.2530

Sweetspot

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



91.6637, 0.3907, 0.4519



96.8695, 0.3370, 0.3677



36.6934, 0.4604, 0.3250



20.6562, 0.3402, 0.3728



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

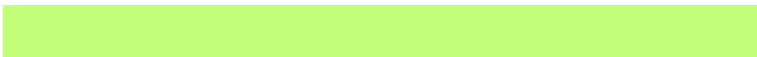
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6637, 0.3907, 0.4519



90.5683, 0.4034, 0.4713



84.2442, 0.3461, 0.4761



20.9920, 0.3270, 0.3518



46.0299, 0.4246, 0.5010



4.5099, 0.4240, 0.5016

Inverse Universe

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



26.2714, 0.2126, 0.1666



18.5709, 0.1907, 0.1303



31.3352, 0.2568, 0.1797



17.4647, 0.2978, 0.3051



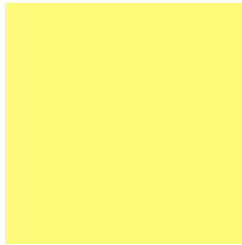
3.8967, 0.1505, 0.0618



0.4087, 0.1517, 0.0660

Previews

White Background



This preview shows how the Yxy color 91.6595, 0.3907, 0.4519 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 91.6595, 0.3907, 0.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

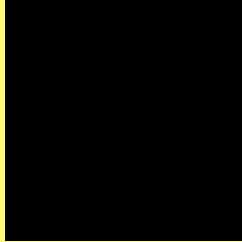
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.6595, 0.3907, 0.4519

Background



This preview shows how black text looks on a background with the Yxy color 91.6595, 0.3907, 0.4519.

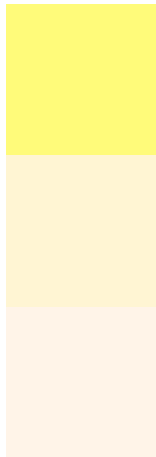


This preview shows how white text looks on a background with the Yxy color 91.6595, 0.3907, 0.4519.

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

91.6595, 0.3907, 0.4519

Protanopia

91.2680, 0.3404, 0.3627

Deuteranopia

91.7876, 0.3273, 0.3408



Tritanopia

91.6038, 0.3169, 0.3223

Trichromacy



Original Color

91.6595, 0.3907, 0.4519



Protanomaly

91.0362, 0.3600, 0.3966



Deuteranomaly

91.5873, 0.3519, 0.3837



Tritanomaly

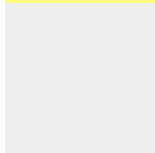
90.8766, 0.3454, 0.3707

Monochromacy



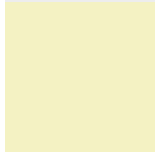
Original Color

91.6595, 0.3907, 0.4519



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6775, 0.3434, 0.3772

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6595, 0.3907, 0.4519 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, 251, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 122)  
}
```

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, 251, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 122) }
```

Border

The CSS property to change the border of an element to Yxy 91.6595, 0.3907, 0.4519 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, 251, 122) }
```

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

```
.border{ border-color:rgb(255, 251, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6595, 0.3907, 0.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 122) }
```

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

```
.background{ background-color: rgb(255,  
251, 122) }
```

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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