

Converting Colors

$Yxy(95.2681, 0.3420, 0.3876)$

Have a look what the booklet for
Yxy(95.2681, 0.3420, 0.3876)
contains.

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Color

Yxy(95.2797, 0.3424, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFC4
RGB	247, 255, 196
RGB Percent	97%, 100%, 77%
CMY	0.0314, 0.0000, 0.2312
CMYK	0.03, 0.00, 0.23, 0.00
HSL	68°, 100%, 88%
HSV	68°, 23%, 100%
XYZ	84.0819, 95.2797, 66.2047
YIQ	245.8820, 14.1710, -20.0450

Conversions

Conversions Part 2

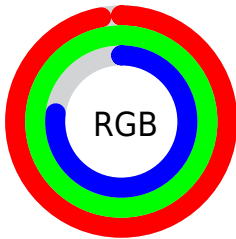
Format	Color
RYB	196, 255, 204
Decimal	16252868
CIELab	98.15, -12.02, 27.37
CIElCh	98, 29.891, 113.720
Yxy	95.2797, 0.3424, 0.3880
Android (android.graphics.Color)	4294442948 (0xFFFF7FFC4)
YUV	245.8820, -24.5918, 0.9805
Hunter-Lab	97.6113, -17.0608, 28.1146

Details

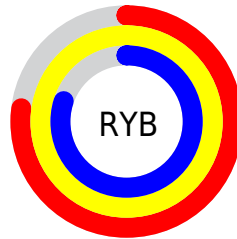
The Yxy color **95.2797, 0.3424, 0.3880** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.5608, 0.2786, 0.2646**, and the grayscale version is **92.2526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **53.2883, 0.3481, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **93.5909, 0.3550, 0.4142**, and if you desaturate by 10%, it is **97.1771, 0.3295, 0.3619**.

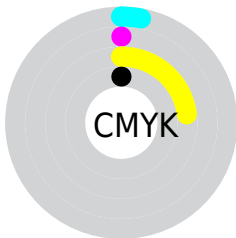
Distribution



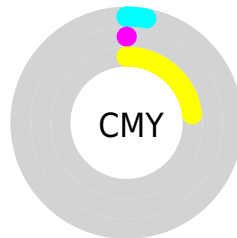
- Red (97%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2797, 0.3424, 0.3880 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 95.2797, 0.3424, 0.3880 by changing the saturation by 10% instead.

 95.2797, 0.3424,
0.3880

 95.2797, 0.3424,
0.3880


545.0600, 0.3297,
0.3615

 72.3678, 0.3450,
0.3938


154.6510, 0.3382,
0.3790

 53.4592, 0.3482,
0.4009


191.8791, 0.3365,
0.3754

 38.1695, 0.3520,
0.4097


234.6481, 0.3350,
0.3723

 26.1142, 0.3566,
0.4209

283.3424, 0.3337,
0.3696

 16.9091, 0.3623,
0.4356

338.3463, 0.3326,
0.3672

 10.1697, 0.3694,
0.4555

400.0443, 0.3315,

 5.5116, 0.3780,

0.3651

0.4837

468.8207, 0.3306,
0.3632

■ 2.5505, 0.3993,
0.5425

■ 0.9018, 0.3846,
0.6154

■ 95.2797, 0.3424,
0.3880

■ 95.2797, 0.3424,
0.3880

■ 93.5909, 0.3550,
0.4142

■ 97.1771, 0.3295,
0.3619

■ 92.1014, 0.3668,
0.4397

■ 99.2931, 0.3166,
0.3366

■ 90.8000, 0.3772,
0.4633

100.0000, 0.3127,
0.3290

■ 89.6747, 0.3856,
0.4841

■ 88.7120, 0.3916,
0.5010

■ 87.8964, 0.3950,
0.5134

■ 87.2088, 0.3957,
0.5212

■ 86.7914, 0.3951,
0.5245

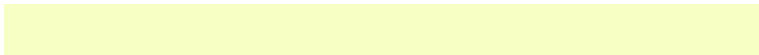
Harmonies

Analogous

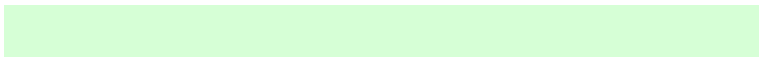
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2797, 0.3678, 0.3794



95.2797, 0.3424, 0.3880



95.2797, 0.3099, 0.3790

Triad

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



95.2797, 0.3424, 0.3880



95.2797, 0.2511, 0.2949



95.2797, 0.3458, 0.3051

Complementary

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



95.2797, 0.3424, 0.3880



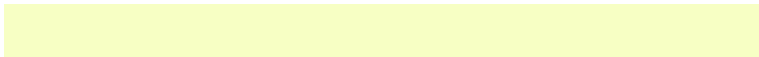
59.5608, 0.2786, 0.2646

Split Complementary

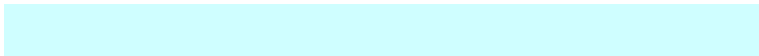
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2797, 0.3129, 0.2852



95.2797, 0.3424, 0.3880



95.2797, 0.2594, 0.2784

Square

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



95.2797, 0.3424, 0.3880



95.2797, 0.2581, 0.3224



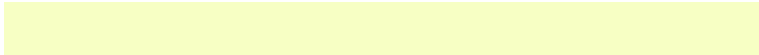
95.2797, 0.2814, 0.2754



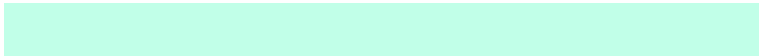
95.2797, 0.3703, 0.3312

Rectangle

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



95.2797, 0.3424, 0.3880



95.2797, 0.2887, 0.3637



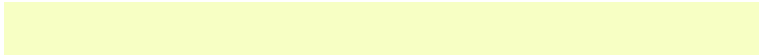
95.2797, 0.2814, 0.2754



95.2797, 0.3353, 0.2976

Sweetspot

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



95.2795, 0.3424, 0.3880



98.4462, 0.3216, 0.3463



68.3849, 0.3589, 0.3372



21.0440, 0.3224, 0.3478



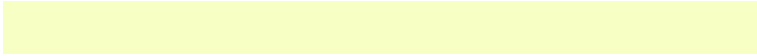
0.0000, 0.0000, 0.0000



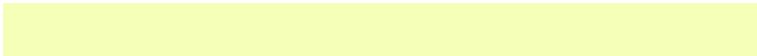
21.4041, 0.3127, 0.3290

Same Dimension

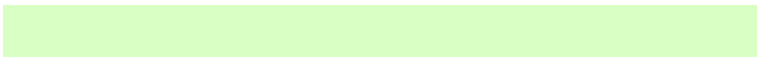
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2795, 0.3424, 0.3880



94.4304, 0.3486, 0.4008



90.3598, 0.3232, 0.3917



20.9583, 0.3248, 0.3526



45.3988, 0.3955, 0.5241



4.4534, 0.3984, 0.5219

Inverse Universe

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



59.5608, 0.2786, 0.2646



52.7120, 0.2701, 0.2490



64.1044, 0.2995, 0.2684



17.4960, 0.3000, 0.3046



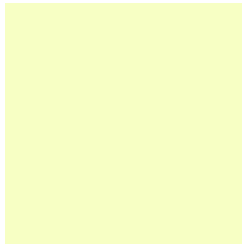
3.9920, 0.1551, 0.0628



0.4232, 0.1632, 0.0673

Previews

White Background



This preview shows how the Yxy color 95.2797, 0.3424, 0.3880 looks on a white background.

Color Contrast Check

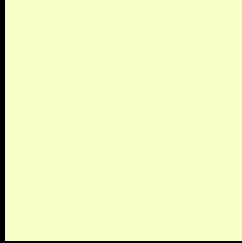
Large Text (above 18pt) WCAG AA × Fail

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 95.2797, 0.3424, 0.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

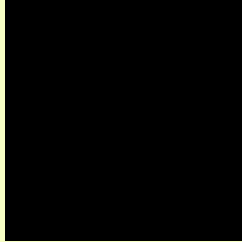
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.2797, 0.3424, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 95.2797, 0.3424, 0.3880.

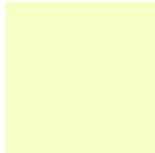


This preview shows how white text looks on a background with the Yxy color 95.2797, 0.3424, 0.3880.

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

95.2797, 0.3424, 0.3880

Protanopia

94.8946, 0.3262, 0.3446

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

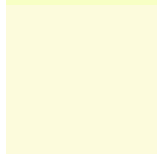
95.0503, 0.3111, 0.3223

Trichromacy



Original Color

95.2797, 0.3424, 0.3880



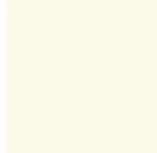
Protanomaly

94.8571, 0.3319, 0.3595



Deuteranomaly

95.2359, 0.3276, 0.3526



Tritanomaly

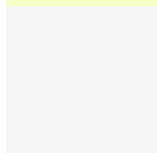
95.2589, 0.3221, 0.3457

Monochromacy



Original Color

95.2797, 0.3424, 0.3880



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9456, 0.3233, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2797, 0.3424, 0.3880 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(247, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 196)  
}
```

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(247, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 196) }
```

Border

The CSS property to change the border of an element to Yxy 95.2797, 0.3424, 0.3880 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(247, 255, 196) }
```

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

```
.border{ border-color:rgb(247, 255, 196) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2797, 0.3424, 0.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 196) }
```

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

```
.background{ background-color: rgb(247,  
255, 196) }
```

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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