

Converting Colors

$Y_{xy}(100.0000, 0.3613, 0.3743)$

Have a look what the booklet for
Yxy(100.0000, 0.3613, 0.3743)
contains.

Yxy(95.1926, 0.3441, 0.3773)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.1926, 0.3441, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCCB
RGB	255, 252, 203
RGB Percent	100%, 99%, 80%
CMY	0.0002, 0.0117, 0.2040
CMYK	0.00, 0.01, 0.20, 0.00
HSL	57°, 100%, 90%
HSV	57°, 20%, 100%
XYZ	86.8163, 95.1926, 70.2906
YIQ	247.3110, 17.5170, -14.6030

Conversions

Conversions Part 2

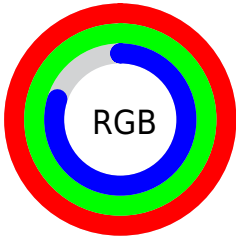
Format	Color
R _Y B	206, 255, 203
Decimal	16776395
CIE Lab	98.11, -6.73, 23.89
CIE LCh	98, 24.819, 105.725
Yxy	95.1926, 0.3441, 0.3773
Android (android.graphics.Color)	4294966475 (0xFFFFFCCB)
YUV	247.3110, -21.8453, 6.7433
Hunter-Lab	97.5667, -11.9098, 25.5820

Details

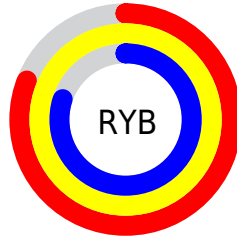
The Yxy color **95.1926, 0.3441, 0.3773** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.0181, 0.2787, 0.2756**, and the grayscale version is **93.4460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2059, 0.3505, 0.3867** is the 20% darker color. If you saturate the color by 10%, you get **93.1788, 0.3599, 0.4013**, and if you desaturate by 10%, it is **97.4216, 0.3284, 0.3533**.

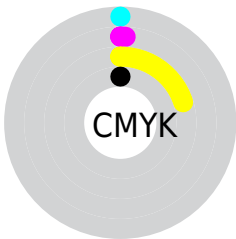
Distribution



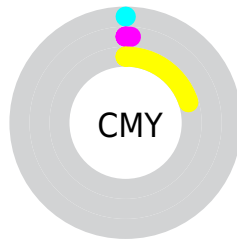
- Red (100%)
- Green (99%)
- Blue (80%)



- Red (81%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1926, 0.3441, 0.3773 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 95.1926, 0.3441, 0.3773 by changing the saturation by 10% instead.


 95.1926, 0.3441,
0.3773

 95.1926, 0.3441,
0.3773


544.7814, 0.3305,
0.3558

 72.2953, 0.3470,
0.3820

154.5307, 0.3395,
0.3700

 53.3999, 0.3505,
0.3877


191.7402, 0.3377,
0.3671

 38.1221, 0.3547,
0.3948


234.4893, 0.3361,
0.3646

 26.0775, 0.3600,
0.4037

283.1623, 0.3347,
0.3624

 16.8816, 0.3667,
0.4154

338.1436, 0.3335,
0.3605

 10.1501, 0.3754,
0.4312

399.8176, 0.3324,

 5.4986, 0.3870,

0.3587

0.4536

468.5687, 0.3314,
0.3572

■ 2.5427, 0.4073,
0.4932

■ 0.8979, 0.4342,
0.5658

■ 95.1926, 0.3441,
0.3773

■ 95.1926, 0.3441,
0.3773

■ 93.1788, 0.3599,
0.4013

■ 97.4216, 0.3284,
0.3533

■ 91.3578, 0.3754,
0.4244

99.8622, 0.3133,
0.3299

■ 89.7231, 0.3899,
0.4457

99.9915, 0.3127,
0.3290

■ 88.2631, 0.4028,
0.4641

■ 86.9649, 0.4135,
0.4787

■ 85.8135, 0.4215,
0.4891

■ 84.7913, 0.4268,
0.4949

■ 83.9023, 0.4297,
0.4970

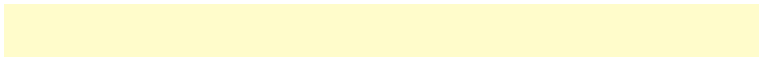
Harmonies

Analogous

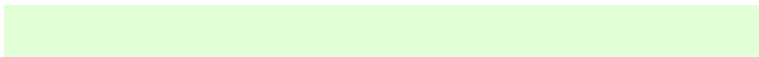
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1926, 0.3623, 0.3673



95.1926, 0.3441, 0.3773



95.1926, 0.3180, 0.3736

Triad

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



95.1926, 0.3441, 0.3773



95.1926, 0.2614, 0.3063



95.1926, 0.3333, 0.3039

Complementary

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



95.1926, 0.3441, 0.3773



64.0181, 0.2787, 0.2756

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.



95.1926, 0.3056, 0.2890



95.1926, 0.3441, 0.3773



95.1926, 0.2650, 0.2895

Square

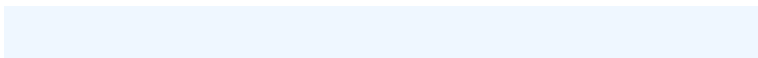
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1926, 0.3441, 0.3773



95.1926, 0.2708, 0.3308



95.1926, 0.2808, 0.2836



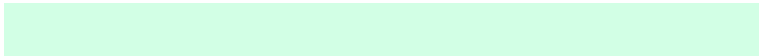
95.1926, 0.3562, 0.3250

Rectangle

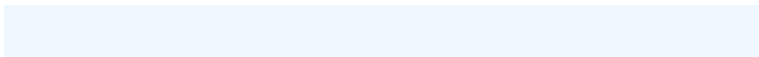
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1926, 0.3441, 0.3773



95.1926, 0.2997, 0.3632



95.1926, 0.2808, 0.2836



95.1926, 0.3242, 0.2981

Sweetspot

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



95.1968, 0.3441, 0.3773



98.5036, 0.3217, 0.3429



68.4370, 0.3509, 0.3256



21.0500, 0.3227, 0.3444



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

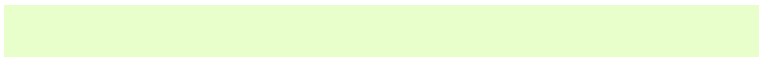
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1968, 0.3441, 0.3773



94.4813, 0.3498, 0.3860



93.0316, 0.3287, 0.3825



20.9046, 0.3271, 0.3512



43.9343, 0.4295, 0.4971



4.3292, 0.4283, 0.4981

Inverse Universe

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



64.0181, 0.2787, 0.2756



58.7114, 0.2718, 0.2648



66.0136, 0.2939, 0.2748



17.5422, 0.2978, 0.3058



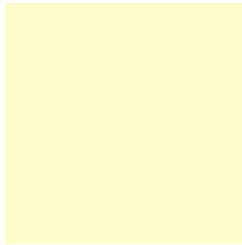
4.0073, 0.1509, 0.0633



0.4455, 0.1531, 0.0713

Previews

White Background



This preview shows how the Yxy color 95.1926, 0.3441, 0.3773 looks on a white background.

Color Contrast Check

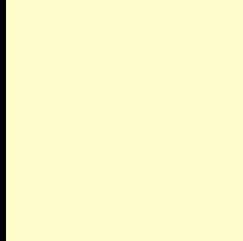
Large Text (above 18pt) WCAG AA × Fail

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 95.1926, 0.3441, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

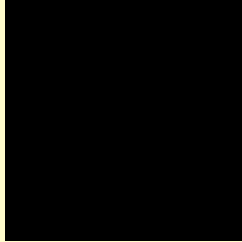
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1926, 0.3441, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 95.1926, 0.3441, 0.3773.



This preview shows how white text looks on a background with the Yxy color 95.1926, 0.3441, 0.3773.

Color Blindness Simulation

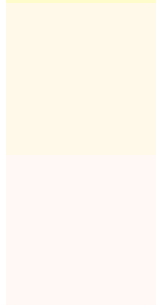
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.1926, 0.3441, 0.3773



Protanopia

94.9519, 0.3256, 0.3436

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

95.0015, 0.3131, 0.3214

Trichromacy



Original Color

95.1926, 0.3441, 0.3773

Protanomaly

94.9589, 0.3322, 0.3554

Deuteranomaly

94.6685, 0.3286, 0.3485

Tritanomaly

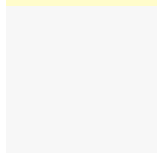
95.0675, 0.3243, 0.3416

Monochromacy



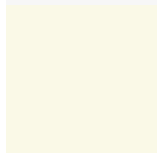
Original Color

95.1926, 0.3441, 0.3773



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.8449, 0.3241, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1926, 0.3441, 0.3773 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, 252, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 203)  
}
```

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, 252, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 203) }
```

Border

The CSS property to change the border of an element to Yxy 95.1926, 0.3441, 0.3773 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, 252, 203) }
```

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

```
.border{ border-color:rgb(255, 252, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1926, 0.3441, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 203) }
```

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

```
.background{ background-color: rgb(255,  
252, 203) }
```

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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