

Converting Colors

$Yxy(95.2886, 0.3429, 0.3753)$

Have a look what the booklet for
Yxy(95.2886, 0.3429, 0.3753)
contains.

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Color

Yxy(95.2886, 0.3429, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCCD
RGB	255, 252, 205
RGB Percent	100%, 99%, 80%
CMY	0.0001, 0.0117, 0.1961
CMYK	0.00, 0.01, 0.20, 0.00
HSL	56°, 100%, 90%
HSV	56°, 20%, 100%
XYZ	87.0622, 95.2886, 71.5490
YIQ	247.5390, 16.8750, -13.9810

Conversions

Conversions Part 2

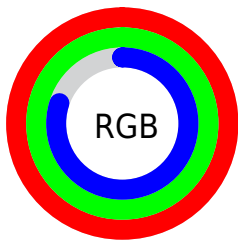
Format	Color
R _Y B	208, 255, 205
Decimal	16776397
CIE Lab	98.15, -6.43, 22.93
CIE LCh	98, 23.816, 105.673
Yxy	95.2886, 0.3429, 0.3753
Android (android.graphics.Color)	4294966477 (0xFFFFFCCD)
YUV	247.5390, -20.9717, 6.5433
Hunter-Lab	97.6159, -11.6261, 24.8737

Details

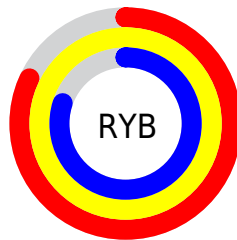
The Yxy color **95.2886, 0.3429, 0.3753** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.2817, 0.2801, 0.2781**, and the grayscale version is **93.6369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2703, 0.3490, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **93.2140, 0.3588, 0.3993**, and if you desaturate by 10%, it is **97.5799, 0.3272, 0.3514**.

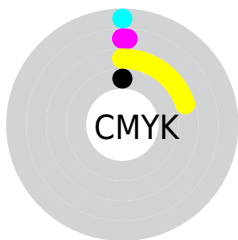
Distribution



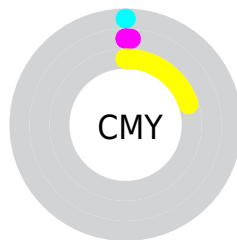
- Red (100%)
- Green (99%)
- Blue (80%)



- Red (82%)
- 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 95.2886, 0.3429, 0.3753 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 95.2886, 0.3429, 0.3753 by changing the saturation by 10% instead.


 95.2886, 0.3429,
0.3753

 95.2886, 0.3429,
0.3753

545.0885, 0.3298,
0.3547

 72.3752, 0.3457,
0.3798


154.6633, 0.3385,
0.3683

 53.4652, 0.3491,
0.3853


191.8933, 0.3368,
0.3655

 38.1743, 0.3532,
0.3921


234.6643, 0.3352,
0.3631

 26.1180, 0.3583,
0.4006

283.3608, 0.3339,
0.3610

 16.9119, 0.3648,
0.4119

338.3670, 0.3327,
0.3592

 10.1717, 0.3733,
0.4271

400.0675, 0.3316,

 5.5130, 0.3846,

0.3575

0.4487

468.8465, 0.3306,
0.3560

■ 2.5513, 0.4034,
0.4854

■ 0.9022, 0.4370,
0.5630

■ 95.2886, 0.3429,
0.3753

■ 95.2886, 0.3429,
0.3753

■ 93.2140, 0.3588,
0.3993

■ 97.5799, 0.3272,
0.3514

■ 91.3337, 0.3744,
0.4225

99.9962, 0.3127,
0.3290

■ 89.6413, 0.3890,
0.4439

■ 88.1253, 0.4021,
0.4625

■ 86.7729, 0.4131,
0.4774

■ 85.5693, 0.4214,
0.4881

■ 84.4970, 0.4270,
0.4942

■ 83.5286, 0.4302,
0.4965

■ 83.4915, 0.4303,
0.4965

Harmonies

Analogous

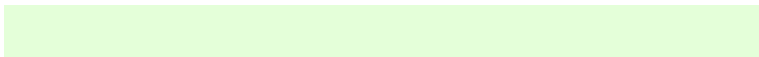
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2886, 0.3603, 0.3658



95.2886, 0.3429, 0.3753



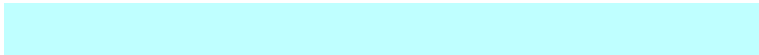
95.2886, 0.3178, 0.3717

Triad

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



95.2886, 0.3429, 0.3753



95.2886, 0.2634, 0.3073



95.2886, 0.3325, 0.3049

Complementary

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



95.2886, 0.3429, 0.3753



65.2817, 0.2801, 0.2781

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.



95.2886, 0.3059, 0.2906



95.2886, 0.3429, 0.3753



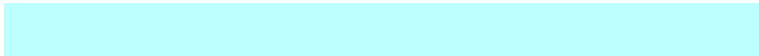
95.2886, 0.2669, 0.2911

Square

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



95.2886, 0.3429, 0.3753



95.2886, 0.2725, 0.3308



95.2886, 0.2821, 0.2854



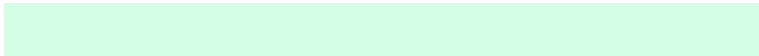
95.2886, 0.3543, 0.3252

Rectangle

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



95.2886, 0.3429, 0.3753



95.2886, 0.3003, 0.3618



95.2886, 0.2821, 0.2854



95.2886, 0.3237, 0.2992

Sweetspot

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



95.2928, 0.3429, 0.3753



98.4758, 0.3217, 0.3429



69.4800, 0.3492, 0.3257



21.0434, 0.3227, 0.3444



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

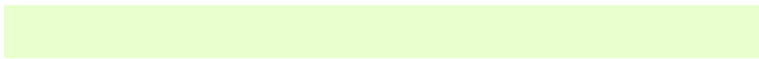
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2928, 0.3429, 0.3753



94.3718, 0.3499, 0.3859



93.2906, 0.3281, 0.3803



20.8952, 0.3271, 0.3511



43.7135, 0.4301, 0.4967



4.3101, 0.4287, 0.4978

Inverse Universe

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



65.2817, 0.2801, 0.2781



58.7910, 0.2718, 0.2650



67.1466, 0.2948, 0.2770



17.5505, 0.2978, 0.3059



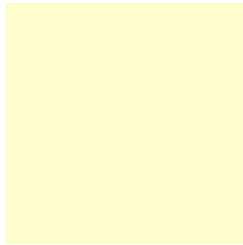
4.0199, 0.1510, 0.0635



0.4494, 0.1533, 0.0718

Previews

White Background



This preview shows how the Yxy color 95.2886, 0.3429, 0.3753 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 95.2886, 0.3429, 0.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

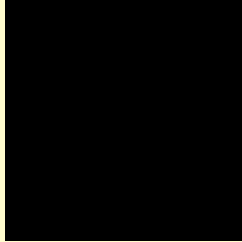
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.2886, 0.3429, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 95.2886, 0.3429, 0.3753.

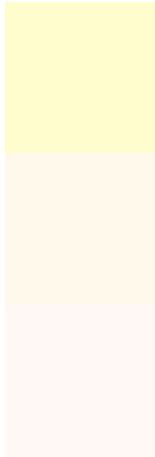


This preview shows how white text looks on a background with the Yxy color 95.2886, 0.3429, 0.3753.

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

95.2886, 0.3429, 0.3753

Protanopia

95.0095, 0.3250, 0.3426

Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

95.0015, 0.3131, 0.3214

Trichromacy



Original Color

95.2886, 0.3429, 0.3753

Protanomaly

95.0130, 0.3316, 0.3544

Deuteranomaly

94.7245, 0.3280, 0.3475

Tritanomaly

95.1258, 0.3237, 0.3407

Monochromacy



Original Color

95.2886, 0.3429, 0.3753

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.0868, 0.3242, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2886, 0.3429, 0.3753 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 205) }
```

Border

The CSS property to change the border of an element to Yxy 95.2886, 0.3429, 0.3753 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, 205) }
```

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

```
.border{ border-color:rgb(255, 252, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2886, 0.3429, 0.3753 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
252, 205) }
```

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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