

Converting Colors

$Yxy(95.4051, 0.3388, 0.3681)$

Have a look what the booklet for
Yxy(95.4051, 0.3388, 0.3681)
contains.

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Color

Yxy(95.6343, 0.3386, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	FFFC D4
RGB	255, 252, 212
RGB Percent	100%, 99%, 83%
CMY	0.0002, 0.0117, 0.1686
CMYK	0.00, 0.01, 0.17, 0.00
HSL	56°, 100%, 92%
HSV	56°, 17%, 100%
XYZ	87.9223, 95.6343, 76.1076
YIQ	248.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

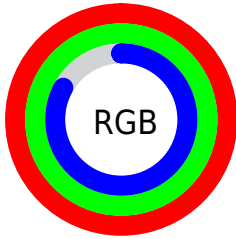
Format	Color
R _Y B	215, 255, 212
Decimal	16776404
CIE Lab	98.29, -5.43, 19.55
CIE LCh	98, 20.292, 105.534
Yxy	95.6343, 0.3386, 0.3683
Android (android.graphics.Color)	4294966484 (0xFFFFFCD4)
YUV	248.3370, -17.9141, 5.8435
Hunter-Lab	97.7928, -10.6539, 22.3123

Details

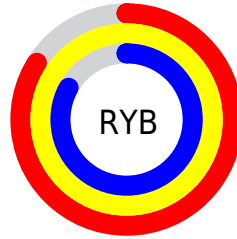
The Yxy color **95.6343, 0.3386, 0.3683** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.7817, 0.2852, 0.2864**, and the grayscale version is **94.2980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4703, 0.3443, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **93.3605, 0.3546, 0.3921**, and if you desaturate by 10%, it is **98.1299, 0.3230, 0.3447**.

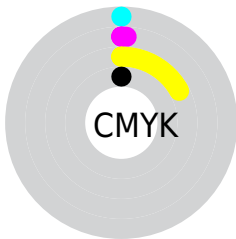
Distribution



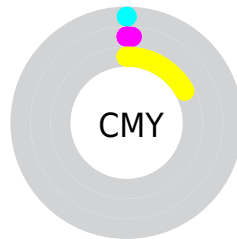
- Red (100%)
- Green (99%)
- Blue (83%)



- Red (84%)
- Yellow (100%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6343, 0.3386, 0.3683 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 95.6343, 0.3386, 0.3683 by changing the saturation by 10% instead.


 95.6343, 0.3386,
0.3683

 95.6343, 0.3386,
0.3683

546.1936, 0.3273,
0.3508

 72.6630, 0.3410,
0.3721


155.1406, 0.3348,
0.3624

 53.7005, 0.3439,
0.3768


192.4444, 0.3333,
0.3600

 38.3622, 0.3475,
0.3825


235.2946, 0.3320,
0.3580

 26.2640, 0.3520,
0.3898

284.0754, 0.3308,
0.3562

 17.0212, 0.3577,
0.3994

339.1713, 0.3298,
0.3546

 10.2496, 0.3653,
0.4124

400.9668, 0.3289,

 5.5648, 0.3757,

0.3532

0.4311

469.8461, 0.3281,
0.3520

■ 2.5823, 0.3908,
0.4600

■ 0.9178, 0.4461,
0.5539

■ 95.6343, 0.3386,
0.3683

■ 95.6343, 0.3386,
0.3683

■ 93.3605, 0.3546,
0.3921

■ 98.1299, 0.3230,
0.3447

■ 91.2861, 0.3704,
0.4155

99.9925, 0.3127,
0.3290

■ 89.4051, 0.3856,
0.4373

■ 87.7063, 0.3994,
0.4567

■ 86.1772, 0.4112,
0.4726

■ 84.8036, 0.4206,
0.4844

■ 83.5690, 0.4272,
0.4917

■ 82.4523, 0.4312,
0.4947

■ 82.1151, 0.4321,
0.4951

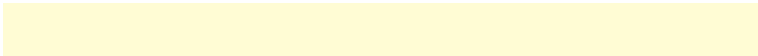
Harmonies

Analogous

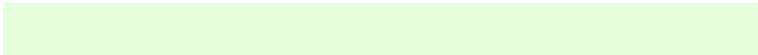
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6343, 0.3532, 0.3604



95.6343, 0.3386, 0.3683



95.6343, 0.3173, 0.3651

Triad

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



95.6343, 0.3386, 0.3683



95.6343, 0.2706, 0.3108



95.6343, 0.3295, 0.3083

Complementary

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



95.6343, 0.3386, 0.3683



69.7817, 0.2852, 0.2864

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.



95.6343, 0.3069, 0.2960



95.6343, 0.3386, 0.3683



95.6343, 0.2735, 0.2968

Square

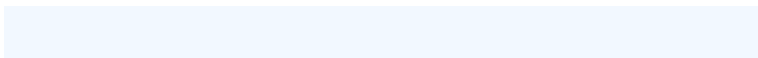
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.6343, 0.3386, 0.3683



95.6343, 0.2784, 0.3308



95.6343, 0.2865, 0.2917



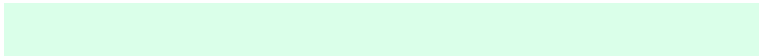
95.6343, 0.3480, 0.3258

Rectangle

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



95.6343, 0.3386, 0.3683



95.6343, 0.3024, 0.3568



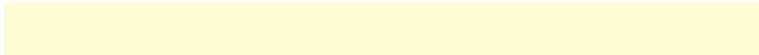
95.6343, 0.2865, 0.2917



95.6343, 0.3221, 0.3034

Sweetspot

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



95.6385, 0.3386, 0.3683



98.6502, 0.3202, 0.3404



73.2726, 0.3425, 0.3255



21.0756, 0.3213, 0.3420



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

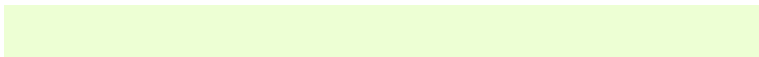
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6385, 0.3386, 0.3683



94.9324, 0.3436, 0.3758



94.2624, 0.3264, 0.3726



20.8652, 0.3271, 0.3509



43.0126, 0.4318, 0.4953



4.2494, 0.4303, 0.4966

Inverse Universe

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



69.7817, 0.2852, 0.2864



64.9214, 0.2794, 0.2774



71.1075, 0.2971, 0.2848



17.5773, 0.2978, 0.3061



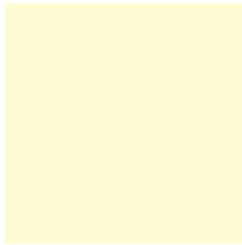
4.0628, 0.1512, 0.0641



0.4621, 0.1538, 0.0736

Previews

White Background



This preview shows how the Yxy color 95.6343, 0.3386, 0.3683 looks on a white background.

Color Contrast Check

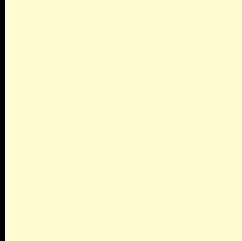
Large Text (above 18pt) WCAG AA × Fail

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 95.6343, 0.3386, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

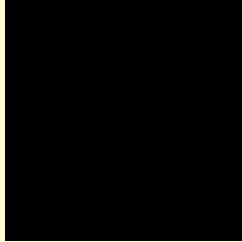
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6343, 0.3386, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 95.6343, 0.3386, 0.3683.

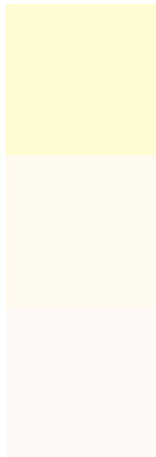


This preview shows how white text looks on a background with the Yxy color 95.6343, 0.3386, 0.3683.

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

95.6343, 0.3386, 0.3683

Protanopia

95.7456, 0.3236, 0.3416

Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



Original Color

95.6343, 0.3386, 0.3683

Protanomaly

95.8558, 0.3290, 0.3514

Deuteranomaly

95.5717, 0.3255, 0.3446

Tritanomaly

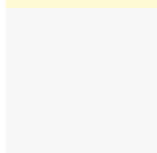
95.0542, 0.3219, 0.3387

Monochromacy



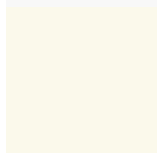
Original Color

95.6343, 0.3386, 0.3683



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.2588, 0.3223, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6343, 0.3386, 0.3683 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 212) }
```

Border

The CSS property to change the border of an element to Yxy 95.6343, 0.3386, 0.3683 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, 212) }
```

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

```
.border{ border-color:rgb(255, 252, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6343, 0.3386, 0.3683 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
252, 212) }
```

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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