

Converting Colors

$Yxy(95.0086, 0.3351, 0.3660)$

Have a look what the booklet for
Yxy(95.0086, 0.3351, 0.3660)
contains.

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Color

Yxy(95.1713, 0.3354, 0.3665)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FCFCD6 |
| RGB | 252, 252, 214 |
| RGB Percent | 99%, 99%, 84% |
| CMY | 0.0118, 0.0117, 0.1607 |
| CMYK | 0.00, 0.00, 0.15, 0.01 |
| HSL | 60°, 86%, 91% |
| HSV | 60°, 15%, 99% |
| XYZ | 87.0954, 95.1713, 77.4095 |
| YIQ | 247.6680, 12.1980, -11.8180 |

Conversions

Conversions Part 2

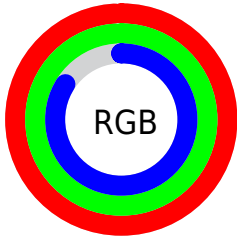
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 214, 252, 214 |
| Decimal | 16579798 |
| CIE Lab | 98.10, -6.17, 18.23 |
| CIE LCh | 98, 19.242, 108.703 |
| Yxy | 95.1713, 0.3354, 0.3665 |
| Android (android.graphics.Color) | 4294769878 (0xFFFCFD6) |
| YUV | 247.6680, -16.5983, 3.7992 |
| Hunter-Lab | 97.5558, -11.3623, 21.2431 |

Details

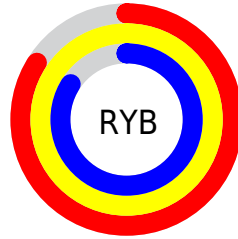
The Yxy color **95.1713, 0.3354, 0.3665** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.4307, 0.2882, 0.2885**, and the grayscale version is **93.7187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1355, 0.3402, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **93.9857, 0.3507, 0.3918**, and if you desaturate by 10%, it is **96.5645, 0.3202, 0.3414**.

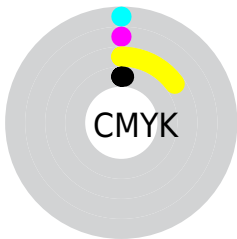
Distribution



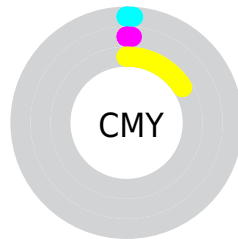
- Red (99%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1713, 0.3354, 0.3665 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 95.1713, 0.3354, 0.3665 by changing the saturation by 10% instead.

 95.1713, 0.3354,
0.3665

 95.1713, 0.3354,
0.3665


544.7132, 0.3255,
0.3498

 72.2776, 0.3375,
0.3702

154.5012, 0.3321,
0.3608

 53.3854, 0.3401,
0.3746


191.7062, 0.3308,
0.3586

 38.1106, 0.3432,
0.3802


234.4504, 0.3296,
0.3566

 26.0685, 0.3471,
0.3872

283.1182, 0.3286,
0.3549

 16.8749, 0.3521,
0.3965

338.0940, 0.3277,
0.3534

 10.1453, 0.3588,
0.4091

399.7622, 0.3269,

 5.4954, 0.3680,

0.3521

0.4275

468.5071, 0.3262,
0.3509

■ 2.5408, 0.3811,
0.4560

■ 0.8970, 0.4390,
0.5610

■ 95.1713, 0.3354,
0.3665

■ 95.1713, 0.3354,
0.3665

■ 93.9857, 0.3507,
0.3918

■ 96.5645, 0.3202,
0.3414

■ 92.9859, 0.3657,
0.4166


■ 97.5396, 0.3110,
0.3261


■ 92.1664, 0.3798,
0.4398


■ 97.5397, 0.3110,
0.3261


■ 91.5163, 0.3923,
0.4606

■ 97.5398, 0.3110,
0.3261

 91.0240, 0.4027,
0.4778

 97.5398, 0.3110,
0.3261


 90.6759, 0.4106,
0.4909


 97.5399, 0.3110,
0.3261


 90.4564, 0.4159,
0.4996

 97.5400, 0.3110,
0.3261

 90.3465, 0.4186,
0.5041

 97.5401, 0.3110,
0.3261

 90.3188, 0.4193,
0.5053

 97.5401, 0.3110,
0.3261

Harmonies

Analogous

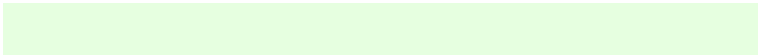
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1713, 0.3502, 0.3601



95.1713, 0.3354, 0.3665



95.1713, 0.3148, 0.3623

Triad

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



95.1713, 0.3354, 0.3665



95.1713, 0.2724, 0.3100



95.1713, 0.3308, 0.3109

Complementary

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



95.1713, 0.3354, 0.3665



69.4307, 0.2882, 0.2885

Split Complementary

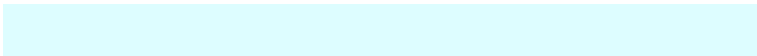
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1713, 0.3095, 0.2985



95.1713, 0.3354, 0.3665



95.1713, 0.2763, 0.2974

Square

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



95.1713, 0.3354, 0.3665



95.1713, 0.2789, 0.3286



95.1713, 0.2896, 0.2935



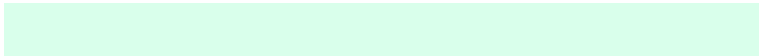
95.1713, 0.3476, 0.3279

Rectangle

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



95.1713, 0.3354, 0.3665



95.1713, 0.3008, 0.3537



95.1713, 0.2896, 0.2935



95.1713, 0.3239, 0.3061

Sweetspot

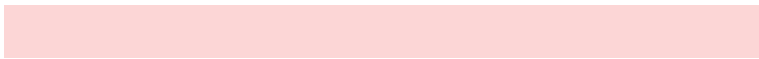
The Sweet Spot groups the original color and five complimentary colors.



95.1755, 0.3354, 0.3665



99.2058, 0.3201, 0.3412



73.6552, 0.3411, 0.3291



21.2112, 0.3212, 0.3430



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.



95.1755, 0.3354, 0.3665



97.3883, 0.3399, 0.3740



91.8050, 0.3229, 0.3680



20.1908, 0.3269, 0.3524



47.0464, 0.4193, 0.5053



4.3573, 0.4193, 0.5053

Inverse Universe

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



69.4307, 0.2882, 0.2885



66.4400, 0.2829, 0.2797



72.4571, 0.3012, 0.2901



16.6431, 0.2979, 0.3045



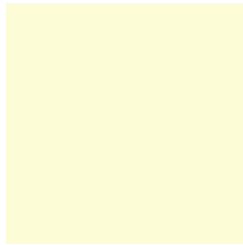
3.6611, 0.1500, 0.0600



0.3391, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 95.1713, 0.3354, 0.3665 looks on a white background.

Color Contrast Check

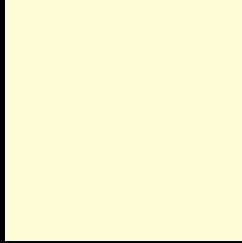
Large Text (above 18pt) WCAG AA × Fail

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 95.1713, 0.3354, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

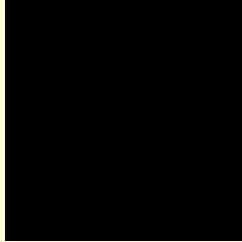
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1713, 0.3354, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 95.1713, 0.3354, 0.3665.

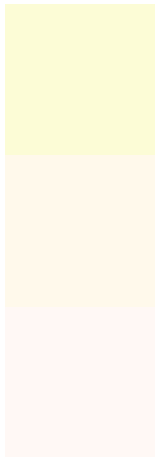


This preview shows how white text looks on a background with the Yxy color 95.1713, 0.3354, 0.3665.

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

95.1713, 0.3354, 0.3665

Protanopia

95.0095, 0.3250, 0.3426

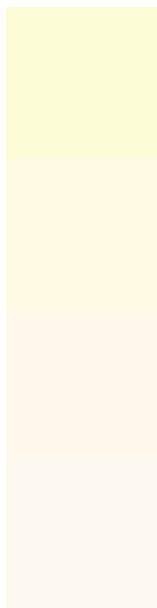
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

95.2374, 0.3118, 0.3223

Trichromacy



Original Color

95.1713, 0.3354, 0.3665

Protanomaly

94.9881, 0.3291, 0.3515

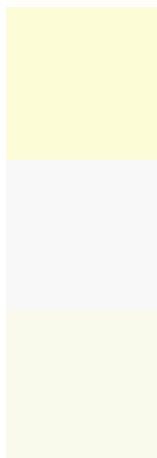
Deuteranomaly

94.7627, 0.3249, 0.3436

Tritanomaly

94.9253, 0.3206, 0.3378

Monochromacy



Original Color

95.1713, 0.3354, 0.3665

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9472, 0.3204, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1713, 0.3354, 0.3665 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(252, 252, 214)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 214)  
}
```

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(252, 252, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 214) }
```

Border

The CSS property to change the border of an element to Yxy 95.1713, 0.3354, 0.3665 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(252, 252, 214) }
```

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

```
.border{ border-color:rgb(252, 252, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 214);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1713, 0.3354, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 214) }
```

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

```
.background{ background-color: rgb(252,  
252, 214) }
```

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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