

Converting Colors

$Yxy(96.1176, 0.3305, 0.3579)$

Have a look what the booklet for
Yxy(96.1176, 0.3305, 0.3579)
contains.

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Color

Yxy(95.8312, 0.3306, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	FDFCDF
RGB	253, 252, 223
RGB Percent	99%, 99%, 87%
CMY	0.0078, 0.0118, 0.1254
CMYK	0.00, 0.00, 0.12, 0.01
HSL	58°, 88%, 93%
HSV	58°, 12%, 99%
XYZ	88.6452, 95.8312, 83.6579
YIQ	248.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

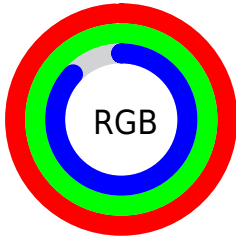
Format	Color
RYB	224, 253, 223
Decimal	16645343
CIELab	98.37, -4.44, 14.00
CIELCh	98, 14.688, 107.598
Yxy	95.8312, 0.3306, 0.3574
Android (android.graphics.Color)	4294835423 (0xFFFDFCDF)
YUV	248.9930, -12.8145, 3.5141
Hunter-Lab	97.8934, -9.6768, 17.8572

Details

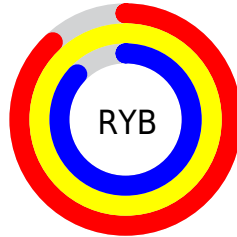
The Yxy color 95.8312, 0.3306, 0.3574 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 76.1237, 0.2939, 0.2989, and the grayscale version is 94.8326, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5931, 0.3340, 0.3628 is the 20% darker color. If you saturate the color by 10%, you get 94.0324, 0.3462, 0.3820, and if you desaturate by 10%, it is 97.8448, 0.3154, 0.3334.

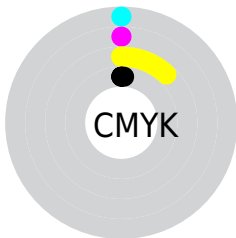
Distribution



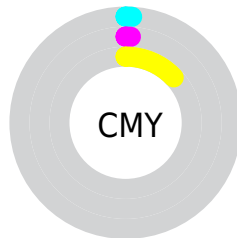
- Red (99%)
- Green (99%)
- Blue (87%)



- Red (88%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8312, 0.3306, 0.3574 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 95.8312, 0.3306, 0.3574 by changing the saturation by 10% instead.

 95.8312, 0.3306,
0.3574

 95.8312, 0.3306,
0.3574


546.8226, 0.3228,
0.3448

 72.8270, 0.3323,
0.3602


155.4124, 0.3280,
0.3531

 53.8345, 0.3343,
0.3635


192.7582, 0.3269,
0.3514

 38.4694, 0.3368,
0.3677


235.6534, 0.3260,
0.3500

 26.3472, 0.3400,
0.3730

284.4822, 0.3252,
0.3487

 17.0835, 0.3440,
0.3799

339.6291, 0.3245,
0.3475

 10.2941, 0.3495,
0.3895

401.4786, 0.3239,

 5.5944, 0.3572,

0.3465

0.4033

470.4149, 0.3233,
0.3456

■ 2.6000, 0.3688,
0.4251

■ 0.9267, 0.4466,
0.5363

■ 95.8312, 0.3306,
0.3574

■ 95.8312, 0.3306,
0.3574

■ 94.0324, 0.3462,
0.3820

■ 97.8448, 0.3154,
0.3334

■ 92.4268, 0.3617,
0.4064

■ 98.8100, 0.3115,
0.3278

■ 91.0089, 0.3767,
0.4296

■ 99.3556, 0.3115,
0.3286

■ 89.7681, 0.3905,
0.4508

■ 99.6258, 0.3115,
0.3290

■ 88.6929, 0.4025,
0.4690

■ 87.7703, 0.4122,
0.4832

■ 86.9854, 0.4192,
0.4931

■ 86.3202, 0.4236,
0.4985

■ 85.8444, 0.4255,
0.5004

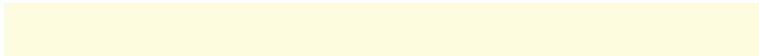
Harmonies

Analogous

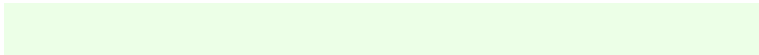
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8312, 0.3415, 0.3525



95.8312, 0.3306, 0.3574



95.8312, 0.3151, 0.3544

Triad

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



95.8312, 0.3306, 0.3574



95.8312, 0.2819, 0.3152



95.8312, 0.3260, 0.3147

Complementary

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



95.8312, 0.3306, 0.3574



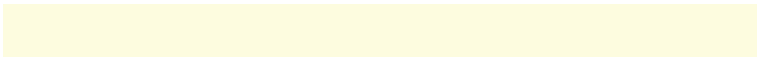
76.1237, 0.2939, 0.2989

Split Complementary

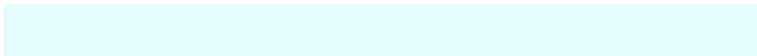
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8312, 0.3097, 0.3053



95.8312, 0.3306, 0.3574



95.8312, 0.2846, 0.3052

Square

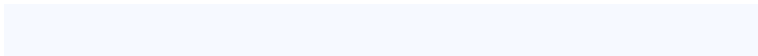
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



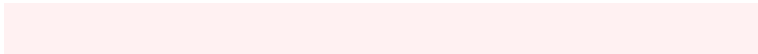
95.8312, 0.3306, 0.3574



95.8312, 0.2872, 0.3294



95.8312, 0.2946, 0.3017



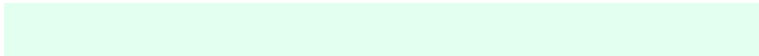
95.8312, 0.3389, 0.3278

Rectangle

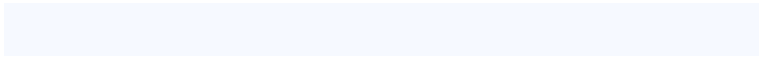
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.8312, 0.3306, 0.3574



95.8312, 0.3043, 0.3481



95.8312, 0.2946, 0.3017



95.8312, 0.3207, 0.3110

Sweetspot

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



95.8354, 0.3306, 0.3574



99.1396, 0.3187, 0.3384



79.0885, 0.3331, 0.3276



21.1862, 0.3198, 0.3402



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.



95.8354, 0.3306, 0.3574



97.1394, 0.3339, 0.3627



94.0327, 0.3217, 0.3592



20.9787, 0.3270, 0.3517



45.7051, 0.4254, 0.5005



4.4820, 0.4246, 0.5010

Inverse Universe

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



76.1237, 0.2939, 0.2989



73.7822, 0.2902, 0.2929



77.8078, 0.3029, 0.2987



17.4765, 0.2978, 0.3052



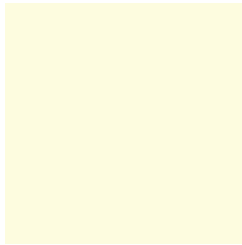
3.9136, 0.1506, 0.0620



0.4143, 0.1519, 0.0668

Previews

White Background



This preview shows how the Yxy color 95.8312, 0.3306, 0.3574 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 95.8312, 0.3306, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

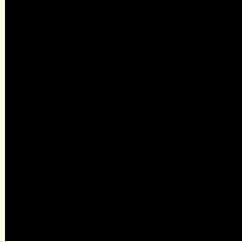
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.8312, 0.3306, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 95.8312, 0.3306, 0.3574.

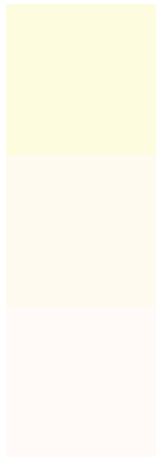


This preview shows how white text looks on a background with the Yxy color 95.8312, 0.3306, 0.3574.

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

95.8312, 0.3306, 0.3574

Protanopia

95.8632, 0.3224, 0.3397

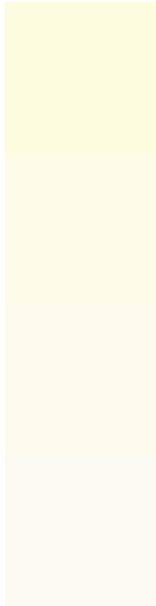
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.8312, 0.3306, 0.3574

Protanomaly

95.9484, 0.3253, 0.3465

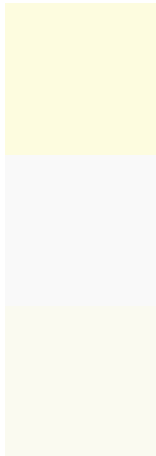
Deuteranomaly

95.6151, 0.3224, 0.3407

Tritanomaly

95.7249, 0.3188, 0.3358

Monochromacy



Original Color

95.8312, 0.3306, 0.3574

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.9865, 0.3186, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8312, 0.3306, 0.3574 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(253, 252, 223)` looks like.

```
.text, #text, p{  
    color:rgb(253, 252, 223)  
}
```

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(253, 252, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 252, 223) }
```

Border

The CSS property to change the border of an element to Yxy 95.8312, 0.3306, 0.3574 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(253, 252, 223) }
```

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

```
.border{ border-color:rgb(253, 252, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 252, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 252, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 252, 223);  
box-shadow:4px 4px 4px 4px rgb(253, 252,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8312, 0.3306, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 252, 223) }
```

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

```
.background{ background-color: rgb(253,  
252, 223) }
```

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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