

Converting Colors

$Y_{xy}(100.0000, 0.3487, 0.3620)$

Have a look what the booklet for
Yxy(100.0000, 0.3487, 0.3620)
contains.

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Color

Yxy(95.8906, 0.3356, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCD9
RGB	255, 252, 217
RGB Percent	100%, 99%, 85%
CMY	0.0000, 0.0118, 0.1491
CMYK	0.00, 0.01, 0.15, 0.00
HSL	55°, 100%, 93%
HSV	55°, 15%, 100%
XYZ	88.5794, 95.8906, 79.4733
YIQ	248.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

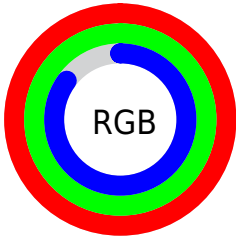
Format	Color
R_{YB}	220, 255, 217
Decimal	16776409
CIE _{Lab}	98.39, -4.66, 17.15
CIE _{LCh}	98, 17.771, 105.214
Yxy	95.8906, 0.3356, 0.3633
Android (android.graphics.Color)	4294966489 (0xFFFFFCD9)
YUV	248.9070, -15.7302, 5.3436
Hunter-Lab	97.9237, -9.8999, 20.4278

Details

The Yxy color **95.8906, 0.3356, 0.3633** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.1467, 0.2886, 0.2922**, and the grayscale version is **94.7727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6446, 0.3404, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **93.4073, 0.3516, 0.3869**, and if you desaturate by 10%, it is **98.5915, 0.3201, 0.3401**.

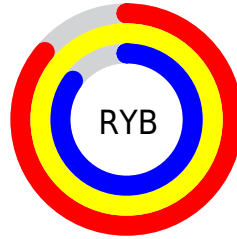
Distribution



Red (100%)

Green (99%)

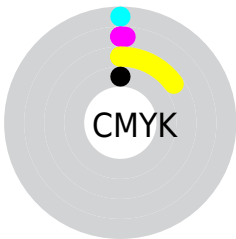
Blue (85%)



Red (86%)

Yellow (100%)

Blue (85%)

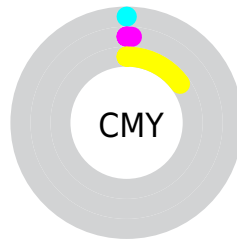


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (1%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.8906, 0.3356, 0.3633 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 95.8906, 0.3356, 0.3633 by changing the saturation by 10% instead.

 95.8906, 0.3356,
0.3633

 95.8906, 0.3356,
0.3633


547.0122, 0.3256,
0.3481

 72.8764, 0.3377,
0.3666


155.4944, 0.3322,
0.3581

 53.8749, 0.3403,
0.3707


192.8529, 0.3309,
0.3561

 38.5017, 0.3435,
0.3757


235.7616, 0.3297,
0.3543

 26.3723, 0.3475,
0.3820

284.6049, 0.3287,
0.3528

 17.1024, 0.3527,
0.3904

339.7672, 0.3278,
0.3514

 10.3075, 0.3595,
0.4018

401.6329, 0.3270,

 5.6033, 0.3691,

0.3502

0.4182

470.5865, 0.3263,
0.3491

■ 2.6054, 0.3830,
0.4435

■ 0.9294, 0.4527,
0.5473

■ 95.8906, 0.3356,
0.3633

■ 95.8906, 0.3356,
0.3633

■ 93.4073, 0.3516,
0.3869

■ 98.5915, 0.3201,
0.3401

■ 91.1333, 0.3677,
0.4102

100.0000, 0.3127,
0.3290

■ 89.0582, 0.3832,
0.4322

■ 87.1708, 0.3976,
0.4520

■ 85.4590, 0.4101,
0.4686

■ 83.9089, 0.4203,
0.4811

■ 82.5045, 0.4278,
0.4892

■ 81.2260, 0.4325,
0.4929

■ 80.6091, 0.4341,
0.4935

Harmonies

Analogous

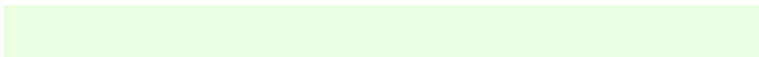
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8906, 0.3483, 0.3565



95.8906, 0.3356, 0.3633



95.8906, 0.3170, 0.3605

Triad

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



95.8906, 0.3356, 0.3633



95.8906, 0.2757, 0.3134



95.8906, 0.3272, 0.3107

Complementary

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



95.8906, 0.3356, 0.3633



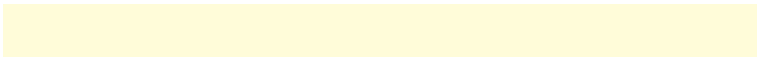
73.1467, 0.2886, 0.2922

Split Complementary

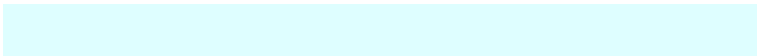
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8906, 0.3074, 0.2999



95.8906, 0.3356, 0.3633



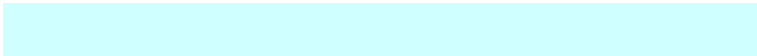
95.8906, 0.2782, 0.3009

Square

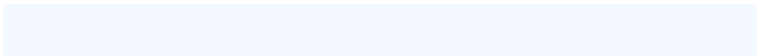
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



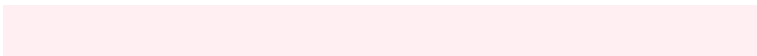
95.8906, 0.3356, 0.3633



95.8906, 0.2828, 0.3308



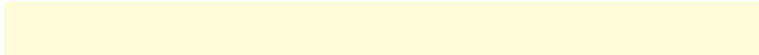
95.8906, 0.2896, 0.2962



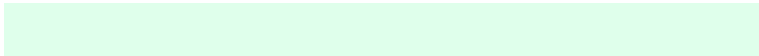
95.8906, 0.3434, 0.3261

Rectangle

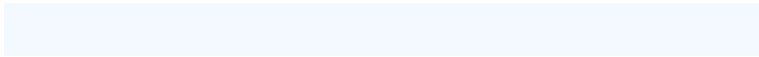
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.8906, 0.3356, 0.3633



95.8906, 0.3039, 0.3533



95.8906, 0.2896, 0.2962



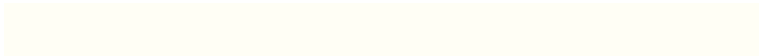
95.8906, 0.3207, 0.3064

Sweetspot

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



95.8902, 0.3356, 0.3633



98.8480, 0.3187, 0.3380



76.0527, 0.3385, 0.3259



21.1120, 0.3198, 0.3397



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.



95.8902, 0.3356, 0.3633



95.0996, 0.3405, 0.3706



94.9075, 0.3249, 0.3673



20.8310, 0.3271, 0.3507



42.2228, 0.4339, 0.4937



4.1809, 0.4320, 0.4952

Inverse Universe

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



73.1467, 0.2886, 0.2922



68.2383, 0.2831, 0.2837



74.1314, 0.2991, 0.2902



17.6079, 0.2978, 0.3064



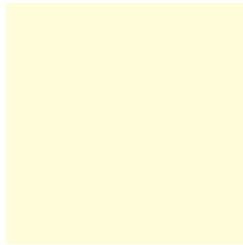
4.1168, 0.1514, 0.0649



0.4765, 0.1543, 0.0756

Previews

White Background



This preview shows how the Yxy color 95.8906, 0.3356, 0.3633 looks on a white background.

Color Contrast Check

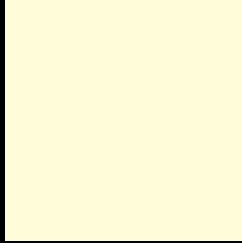
Large Text (above 18pt) WCAG AA × Fail

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 95.8906, 0.3356, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

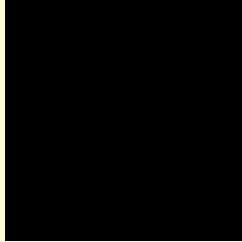
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.8906, 0.3356, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 95.8906, 0.3356, 0.3633.

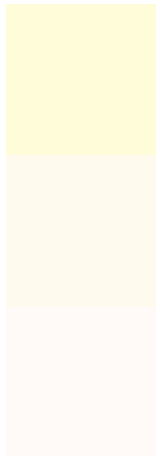


This preview shows how white text looks on a background with the Yxy color 95.8906, 0.3356, 0.3633.

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

95.8906, 0.3356, 0.3633

Protanopia

95.8043, 0.3230, 0.3406

Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

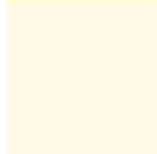
96.0422, 0.3124, 0.3233

Trichromacy



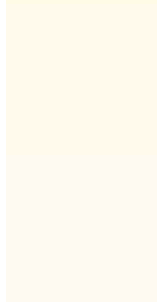
Original Color

95.8906, 0.3356, 0.3633



Protanomaly

95.9675, 0.3278, 0.3494



Deuteranomaly

95.6873, 0.3243, 0.3426

Tritanomaly

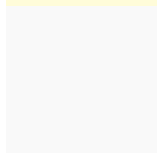
95.7929, 0.3206, 0.3377

Monochromacy



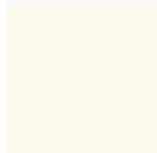
Original Color

95.8906, 0.3356, 0.3633



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

94.9949, 0.3211, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8906, 0.3356, 0.3633 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 217) }
```

Border

The CSS property to change the border of an element to Yxy 95.8906, 0.3356, 0.3633 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, 217) }
```

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

```
.border{ border-color:rgb(255, 252, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8906, 0.3356, 0.3633 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
252, 217) }
```

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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