

Converting Colors

$Y_{xy}(100.0000, 0.3535, 0.3646)$

Have a look what the booklet for
Yxy(100.0000, 0.3535, 0.3646)
contains.

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Color

Yxy(95.0585, 0.3382, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBD5
RGB	255, 251, 213
RGB Percent	100%, 98%, 84%
CMY	0.0000, 0.0157, 0.1646
CMYK	0.00, 0.02, 0.16, 0.00
HSL	54°, 100%, 92%
HSV	54°, 16%, 100%
XYZ	87.7663, 95.0585, 76.6852
YIQ	247.8640, 14.5820, -10.9700

Conversions

Conversions Part 2

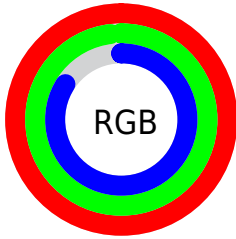
Format	Color
R_{YB}	217, 255, 213
Decimal	16776149
CIE _{Lab}	98.06, -4.73, 18.71
CIE _{LCh}	98, 19.296, 104.196
Yxy	95.0585, 0.3382, 0.3663
Android (android.graphics.Color)	4294966229 (0xFFFFFBD5)
YUV	247.8640, -17.1880, 6.2583
Hunter-Lab	97.4979, -9.9382, 21.6151

Details

The Yxy color 95.0585, 0.3382, 0.3663 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 71.0124, 0.2859, 0.2887, and the grayscale version is 93.8806, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5046, 0.3435, 0.3753 is the 20% darker color. If you saturate the color by 10%, you get 92.3423, 0.3544, 0.3896, and if you desaturate by 10%, it is 97.9824, 0.3224, 0.3434.

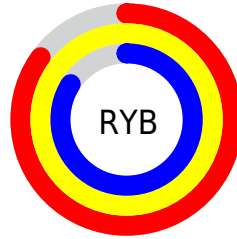
Distribution



Red (100%)

Green (98%)

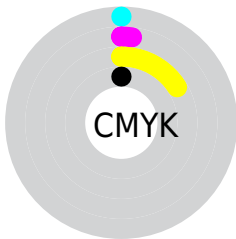
Blue (84%)



Red (85%)

Yellow (100%)

Blue (84%)

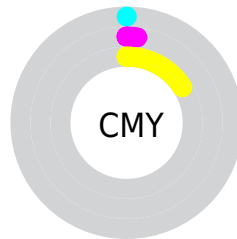


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0585, 0.3382, 0.3663 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 95.0585, 0.3382, 0.3663 by changing the saturation by 10% instead.

 95.0585, 0.3382,
0.3663

 95.0585, 0.3382,
0.3663

544.3522, 0.3271,
0.3497

 72.1837, 0.3406,
0.3699


154.3454, 0.3345,
0.3607

 53.3087, 0.3435,
0.3743


191.5263, 0.3330,
0.3585

 38.0493, 0.3470,
0.3798


234.2446, 0.3317,
0.3565

 26.0209, 0.3515,
0.3867

282.8849, 0.3305,
0.3548

 16.8393, 0.3572,
0.3958

337.8313, 0.3295,
0.3533

 10.1200, 0.3648,
0.4082

399.4685, 0.3286,

 5.4786, 0.3754,

0.3520

0.4260

468.1806, 0.3278,
0.3508

■ 2.5307, 0.3907,
0.4536

■ 0.8920, 0.4508,
0.5492

■ 95.0585, 0.3382,
0.3663

■ 95.0585, 0.3382,
0.3663

■ 92.3423, 0.3544,
0.3896

■ 97.9824, 0.3224,
0.3434

■ 89.8476, 0.3706,
0.4124

100.0000, 0.3127,
0.3290

■ 87.5562, 0.3864,
0.4339

■ 85.4569, 0.4009,
0.4530

■ 83.5372, 0.4137,
0.4688

■ 81.7830, 0.4239,
0.4805

■ 80.1778, 0.4315,
0.4877

■ 78.7008, 0.4362,
0.4905

■ 78.1981, 0.4375,
0.4908

Harmonies

Analogous

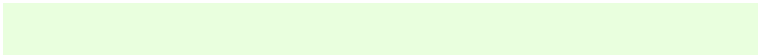
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0585, 0.3517, 0.3584



95.0585, 0.3382, 0.3663



95.0585, 0.3181, 0.3637

Triad

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



95.0585, 0.3382, 0.3663



95.0585, 0.2726, 0.3125



95.0585, 0.3278, 0.3086

Complementary

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



95.0585, 0.3382, 0.3663



71.0124, 0.2859, 0.2887

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.



95.0585, 0.3062, 0.2971



95.0585, 0.3382, 0.3663



95.0585, 0.2749, 0.2987

Square

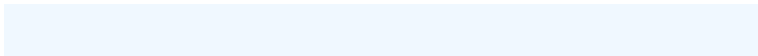
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.0585, 0.3382, 0.3663



95.0585, 0.2806, 0.3316



95.0585, 0.2870, 0.2934



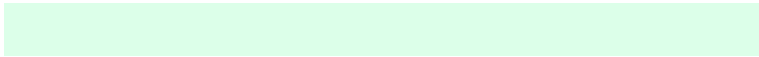
95.0585, 0.3457, 0.3252

Rectangle

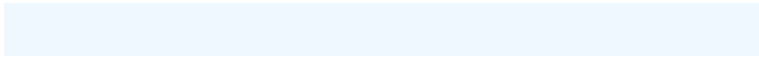
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.0585, 0.3382, 0.3663



95.0585, 0.3038, 0.3561



95.0585, 0.2870, 0.2934



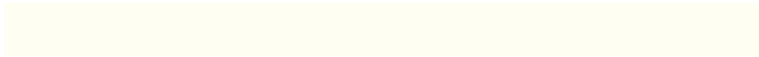
95.0585, 0.3207, 0.3040

Sweetspot

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



95.0508, 0.3382, 0.3663



98.4305, 0.3202, 0.3401



73.8797, 0.3412, 0.3248



21.0220, 0.3213, 0.3417



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.



95.0508, 0.3382, 0.3663



94.0677, 0.3439, 0.3745



94.5383, 0.3266, 0.3715



20.7762, 0.3272, 0.3503



40.9819, 0.4372, 0.4911



4.0730, 0.4349, 0.4929

Inverse Universe

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



71.0124, 0.2859, 0.2887



65.5977, 0.2795, 0.2790



71.6106, 0.2970, 0.2858



17.6569, 0.2979, 0.3068



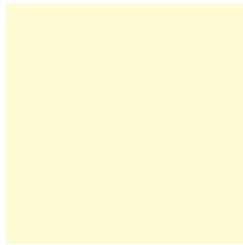
4.2146, 0.1518, 0.0663



0.4996, 0.1552, 0.0788

Previews

White Background



This preview shows how the Yxy color 95.0585, 0.3382, 0.3663 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 95.0585, 0.3382, 0.3663 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 95.0585, 0.3382, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 95.0585, 0.3382, 0.3663.

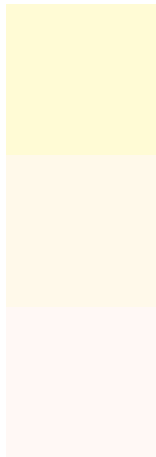


This preview shows how white text looks on a background with the Yxy color 95.0585, 0.3382, 0.3663.

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

95.0585, 0.3382, 0.3663

Protanopia

94.9519, 0.3256, 0.3436

Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



Original Color

95.0585, 0.3382, 0.3663

Protanomaly

95.1222, 0.3303, 0.3525

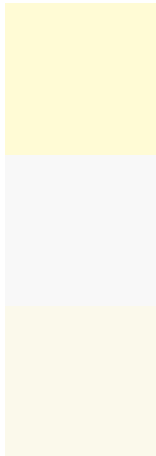
Deuteranomaly

94.8946, 0.3262, 0.3446

Tritanomaly

94.4969, 0.3214, 0.3368

Monochromacy



Original Color

95.0585, 0.3382, 0.3663

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 95.0585, 0.3382, 0.3663 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, 251, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 213)  
}
```

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, 251, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 213) }
```

Border

The CSS property to change the border of an element to Yxy 95.0585, 0.3382, 0.3663 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, 251, 213) }
```

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

```
.border{ border-color:rgb(255, 251, 213) }
```

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

Here you see how a box with a 4 pixel rgb(255, 251, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0585, 0.3382, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 213) }
```

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

```
.background{ background-color: rgb(255,  
251, 213) }
```

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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