

Converting Colors

$Y_{xy}(100.0000, 0.3282, 0.3731)$

Have a look what the booklet for
Yxy(100.0000, 0.3282, 0.3731)
contains.

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Color

Yxy(95.9422, 0.3286, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFD9
RGB	245, 255, 217
RGB Percent	96%, 100%, 85%
CMY	0.0394, 0.0000, 0.1491
CMYK	0.04, 0.00, 0.15, 0.00
HSL	76°, 100%, 93%
HSV	76°, 15%, 100%
XYZ	85.9270, 95.9422, 79.6250
YIQ	247.6780, 6.2380, -13.9380

Conversions

Conversions Part 2

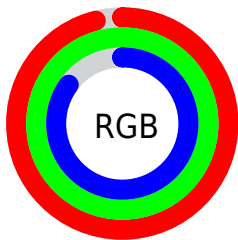
Format	Color
R_{YB}	217, 255, 227
Decimal	16121817
CIE _{Lab}	98.41, -9.68, 17.07
CIE _{LCh}	98, 19.621, 119.548
Yxy	95.9422, 0.3286, 0.3669
Android (android.graphics.Color)	4294311897 (0xFFFF5FFD9)
YUV	247.6780, -15.1243, -2.3486
Hunter-Lab	97.9501, -14.8231, 20.3674

Details

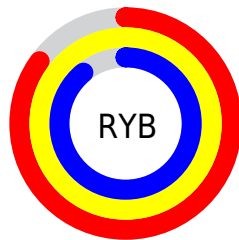
The Yxy color **95.9422, 0.3286, 0.3669** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.1749, 0.2952, 0.2898**, and the grayscale version is **93.7010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.8156, 0.3322, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **93.5176, 0.3392, 0.3939**, and if you desaturate by 10%, it is **98.5983, 0.3179, 0.3411**.

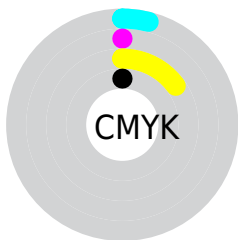
Distribution



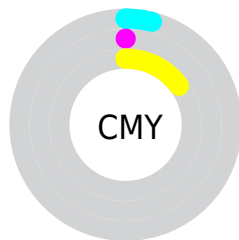
- Red (96%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9422, 0.3286, 0.3669 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 95.9422, 0.3286, 0.3669 by changing the saturation by 10% instead.


 95.9422, 0.3286,
0.3669

 95.9422, 0.3286,
0.3669

547.1769, 0.3218,
0.3499

 72.9194, 0.3300,
0.3706

155.5656, 0.3263,
0.3611

 53.9101, 0.3318,
0.3752


192.9351, 0.3254,
0.3588

 38.5298, 0.3339,
0.3809


235.8556, 0.3246,
0.3569

 26.3941, 0.3365,
0.3881

284.7115, 0.3239,
0.3551

 17.1187, 0.3398,
0.3977

339.8871, 0.3233,
0.3536

 10.3192, 0.3442,
0.4109

401.7670, 0.3227,

 5.6111, 0.3500,

0.3523

0.4302

470.7355, 0.3222,
0.3510

■ 2.6101, 0.3578,
0.4609

■ 0.9317, 0.4104,
0.5896

■ 95.9422, 0.3286,
0.3669

■ 95.9422, 0.3286,
0.3669

■ 93.5176, 0.3392,
0.3939

■ 98.5983, 0.3179,
0.3411

■ 91.3412, 0.3494,
0.4213

100.0000, 0.3127,
0.3290

■ 89.3935, 0.3586,
0.4484

■ 87.6630, 0.3663,
0.4739

■ 86.1371, 0.3720,
0.4966

■ 84.8015, 0.3753,
0.5155

■ 83.6397, 0.3759,
0.5298

■ 82.6314, 0.3740,
0.5391

■ 82.1625, 0.3724,
0.5425

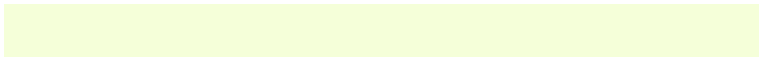
Harmonies

Analogous

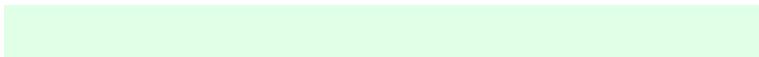
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9422, 0.3464, 0.3641



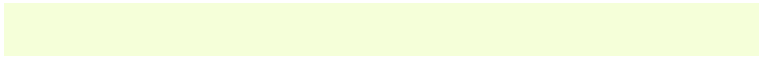
95.9422, 0.3286, 0.3669



95.9422, 0.3070, 0.3586

Triad

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



95.9422, 0.3286, 0.3669



95.9422, 0.2720, 0.3042



95.9422, 0.3381, 0.3165

Complementary

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



95.9422, 0.3286, 0.3669



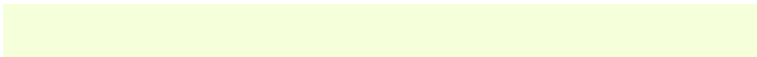
73.1749, 0.2952, 0.2898

Split Complementary

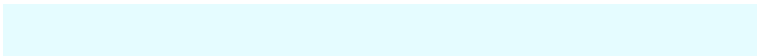
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9422, 0.3174, 0.3018



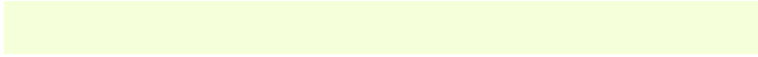
95.9422, 0.3286, 0.3669



95.9422, 0.2796, 0.2944

Square

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



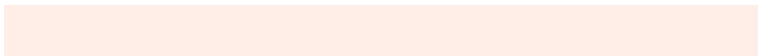
95.9422, 0.3286, 0.3669



95.9422, 0.2748, 0.3213



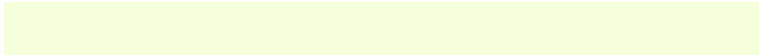
95.9422, 0.2960, 0.2938



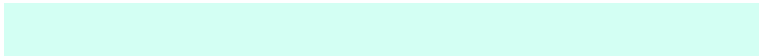
95.9422, 0.3522, 0.3346

Rectangle

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



95.9422, 0.3286, 0.3669



95.9422, 0.2934, 0.3479



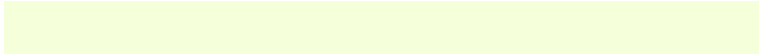
95.9422, 0.2960, 0.2938



95.9422, 0.3317, 0.3110

Sweetspot

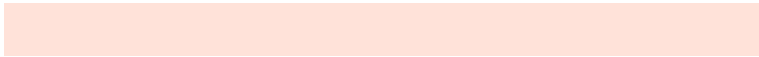
The Sweet Spot groups the original color and five complimentary colors.



95.9334, 0.3286, 0.3669



98.8527, 0.3169, 0.3388



80.9286, 0.3393, 0.3386



21.1134, 0.3177, 0.3407



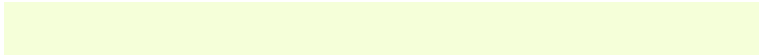
0.0000, 0.0000, 0.0000



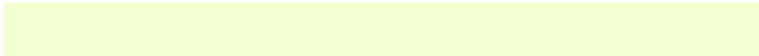
21.4041, 0.3127, 0.3290

Same Dimension

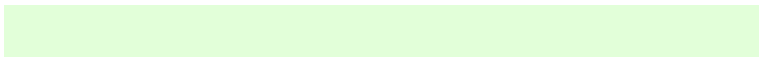
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9334, 0.3286, 0.3669



95.1601, 0.3319, 0.3751



92.7771, 0.3168, 0.3683



20.8351, 0.3228, 0.3528



43.0082, 0.3732, 0.5419



4.2407, 0.3787, 0.5375

Inverse Universe

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



73.1749, 0.2952, 0.2898



68.2782, 0.2911, 0.2809



76.3407, 0.3078, 0.2912



17.6098, 0.3020, 0.3047



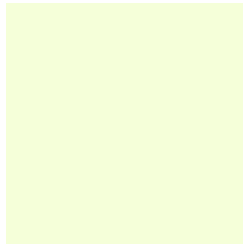
4.4645, 0.1658, 0.0687



0.4851, 0.1770, 0.0749

Previews

White Background



This preview shows how the Yxy color 95.9422, 0.3286, 0.3669 looks on a white background.

Color Contrast Check

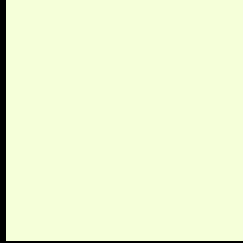
Large Text (above 18pt) WCAG AA × Fail

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 95.9422, 0.3286, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

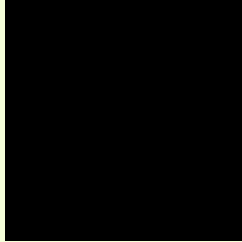
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

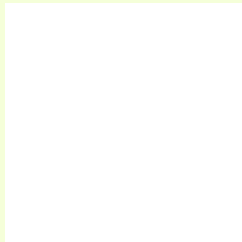
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.9422, 0.3286, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 95.9422, 0.3286, 0.3669.



This preview shows how white text looks on a background with the Yxy color 95.9422, 0.3286, 0.3669.

Color Blindness Simulation

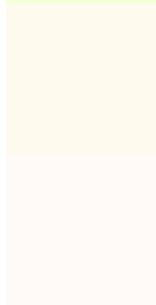
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.9422, 0.3286, 0.3669



Protanopia

95.8043, 0.3230, 0.3406

Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

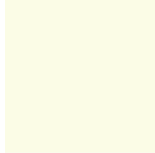
96.1004, 0.3104, 0.3242

Trichromacy



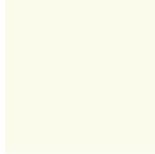
Original Color

95.9422, 0.3286, 0.3669



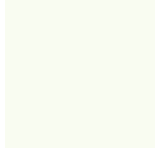
Protanomaly

95.8432, 0.3251, 0.3506



Deuteranomaly

95.5597, 0.3216, 0.3437



Tritanomaly

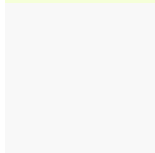
96.1114, 0.3173, 0.3397

Monochromacy



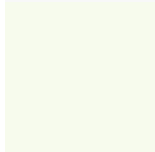
Original Color

95.9422, 0.3286, 0.3669



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8829, 0.3184, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9422, 0.3286, 0.3669 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(245, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 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(245, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 95.9422, 0.3286, 0.3669 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(245, 255, 217) }
```

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

```
.border{ border-color:rgb(245, 255, 217) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9422, 0.3286, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 217) }
```

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

```
.background{ background-color: rgb(245,  
255, 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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