

Converting Colors

$Y_{xy}(149.7040, 0.3201, 0.4277)$

Have a look what the booklet for
Yxy(149.7040, 0.3201, 0.4277)
contains.

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Color

Yxy(95.3551, 0.3273, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFD8
RGB	242, 255, 216
RGB Percent	95%, 100%, 85%
CMY	0.0508, 0.0000, 0.1529
CMYK	0.05, 0.00, 0.15, 0.00
HSL	80°, 100%, 92%
HSV	80°, 15%, 100%
XYZ	84.7860, 95.3551, 78.9056
YIQ	246.6670, 4.7710, -14.8850

Conversions

Conversions Part 2

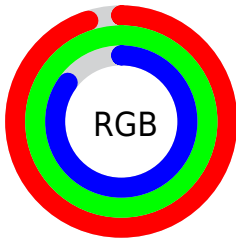
Format	Color
RYB	216, 255, 229
Decimal	15925208
CIELab	98.18, -10.82, 17.21
CIElCh	98, 20.328, 122.152
Yxy	95.3551, 0.3273, 0.3681
Android (android.graphics.Color)	4294115288 (0xFFFF2FFD8)
YUV	246.6670, -15.1188, -4.0930
Hunter-Lab	97.6499, -15.9021, 20.4459

Details

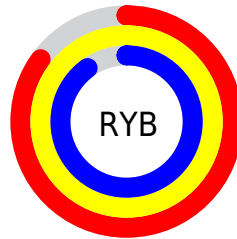
The Yxy color **95.3551, 0.3273, 0.3681** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.9839, 0.2965, 0.2889**, and the grayscale version is **92.8583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4005, 0.3305, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **92.6773, 0.3367, 0.3955**, and if you desaturate by 10%, it is **98.3152, 0.3177, 0.3421**.

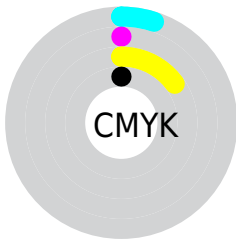
Distribution



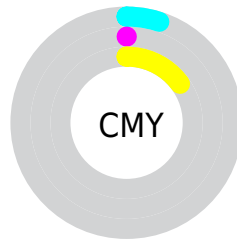
- Red (95%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.3551, 0.3273, 0.3681 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 95.3551, 0.3273, 0.3681 by changing the saturation by 10% instead.


 95.3551, 0.3273,
0.3681

 95.3551, 0.3273,
0.3681


545.3012, 0.3211,
0.3505

 72.4306, 0.3286,
0.3720


154.7551, 0.3252,
0.3621

 53.5105, 0.3302,
0.3767


191.9993, 0.3244,
0.3598

 38.2104, 0.3321,
0.3826


234.7856, 0.3237,
0.3577

 26.1461, 0.3345,
0.3902

283.4983, 0.3230,
0.3559

 16.9329, 0.3374,
0.4002

338.5218, 0.3224,
0.3543

 10.1867, 0.3413,
0.4140

400.2405, 0.3219,

 5.5229, 0.3464,

0.3529

0.4343

469.0388, 0.3215,
0.3517

■ 2.5572, 0.3529,
0.4668

■ 0.9052, 0.3971,
0.6029

■ 95.3551, 0.3273,
0.3681

■ 95.3551, 0.3273,
0.3681

■ 92.6773, 0.3367,
0.3955

■ 98.3152, 0.3177,
0.3421

■ 90.2591, 0.3457,
0.4237

99.9947, 0.3127,
0.3290

■ 88.0934, 0.3536,
0.4516

■ 86.1682, 0.3600,
0.4783

■ 84.4703, 0.3644,
0.5023

■ 82.9849, 0.3664,
0.5224

■ 81.6949, 0.3659,
0.5378

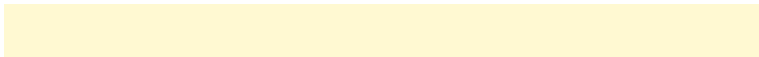
■ 80.5792, 0.3629,
0.5481

■ 80.1002, 0.3609,
0.5516

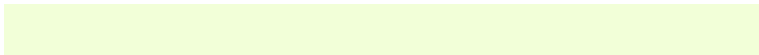
Harmonies

Analogous

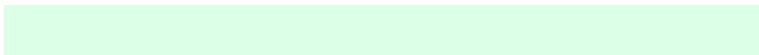
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3551, 0.3464, 0.3661



95.3551, 0.3273, 0.3681



95.3551, 0.3048, 0.3586

Triad

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



95.3551, 0.3273, 0.3681



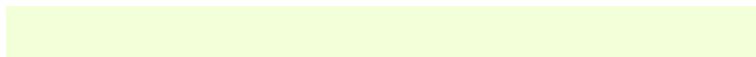
95.3551, 0.2707, 0.3020



95.3551, 0.3407, 0.3175

Complementary

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



95.3551, 0.3273, 0.3681



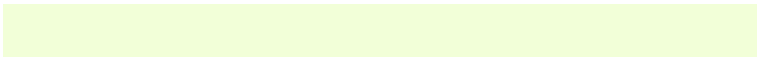
72.9839, 0.2965, 0.2889

Split Complementary

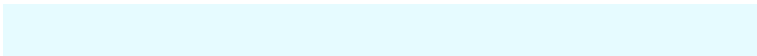
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3551, 0.3195, 0.3019



95.3551, 0.3273, 0.3681



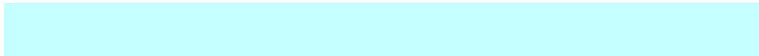
95.3551, 0.2795, 0.2927

Square

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



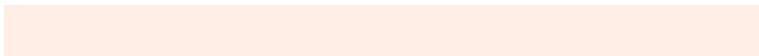
95.3551, 0.3273, 0.3681



95.3551, 0.2727, 0.3192



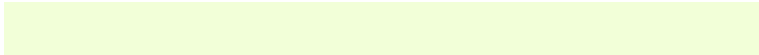
95.3551, 0.2971, 0.2929



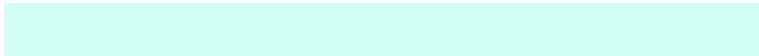
95.3551, 0.3545, 0.3364

Rectangle

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



95.3551, 0.3273, 0.3681



95.3551, 0.2910, 0.3470



95.3551, 0.2971, 0.2929



95.3551, 0.3342, 0.3118

Sweetspot

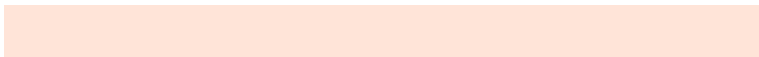
The Sweet Spot groups the original color and five complimentary colors.



95.3593, 0.3273, 0.3681



98.4120, 0.3175, 0.3413



81.8973, 0.3397, 0.3414



21.0177, 0.3181, 0.3431



0.0000, 0.0000, 0.0000



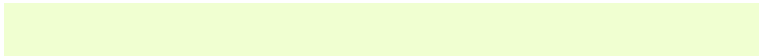
21.4041, 0.3127, 0.3290

Same Dimension

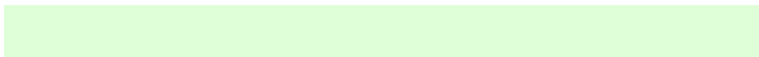
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3593, 0.3273, 0.3681



94.6125, 0.3299, 0.3754



92.1853, 0.3152, 0.3696



20.7710, 0.3218, 0.3528



41.9421, 0.3619, 0.5509



4.1434, 0.3685, 0.5456

Inverse Universe

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



72.9839, 0.2965, 0.2889



68.7709, 0.2932, 0.2812



76.2627, 0.3095, 0.2905



17.6706, 0.3031, 0.3048



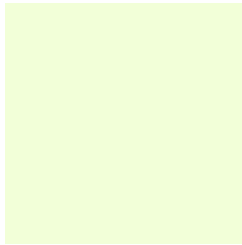
4.8453, 0.1741, 0.0733



0.5285, 0.1862, 0.0800

Previews

White Background



This preview shows how the Yxy color 95.3551, 0.3273, 0.3681 looks on a white background.

Color Contrast Check

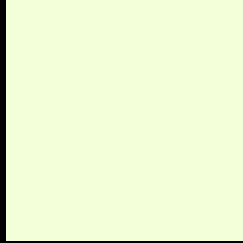
Large Text (above 18pt) WCAG AA × Fail

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 95.3551, 0.3273, 0.3681 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

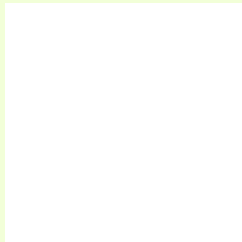
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.3551, 0.3273, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 95.3551, 0.3273, 0.3681.

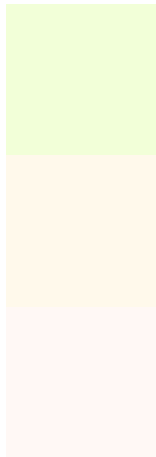


This preview shows how white text looks on a background with the Yxy color 95.3551, 0.3273, 0.3681.

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

95.3551, 0.3273, 0.3681

Protanopia

95.0095, 0.3250, 0.3426

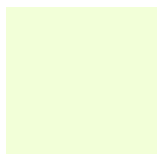
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

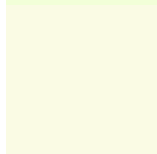
95.2954, 0.3098, 0.3232

Trichromacy



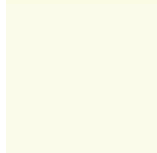
Original Color

95.3551, 0.3273, 0.3681



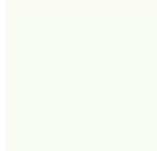
Protanomaly

94.9198, 0.3257, 0.3516



Deuteranomaly

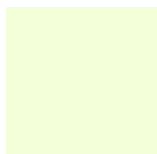
95.2589, 0.3221, 0.3457



Tritanomaly

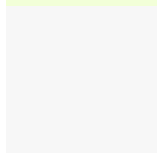
95.1194, 0.3160, 0.3388

Monochromacy



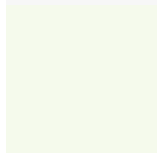
Original Color

95.3551, 0.3273, 0.3681



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.8398, 0.3178, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3551, 0.3273, 0.3681 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(242, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 216)  
}
```

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(242, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 216) }
```

Border

The CSS property to change the border of an element to Yxy 95.3551, 0.3273, 0.3681 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(242, 255, 216) }
```

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

```
.border{ border-color:rgb(242, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3551, 0.3273, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 216) }
```

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

```
.background{ background-color: rgb(242,  
255, 216) }
```

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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