

Converting Colors

$Y_{xy}(100.0000, 0.3332, 0.3817)$

Have a look what the booklet for
Yxy(100.0000, 0.3332, 0.3817)
contains.

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Color

Yxy(95.6669, 0.3346, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFD0
RGB	246, 255, 208
RGB Percent	96%, 100%, 82%
CMY	0.0353, 0.0000, 0.1841
CMYK	0.04, 0.00, 0.18, 0.00
HSL	71°, 100%, 91%
HSV	71°, 18%, 100%
XYZ	85.1560, 95.6669, 73.6780
YIQ	246.9510, 9.7230, -16.5250

Conversions

Conversions Part 2

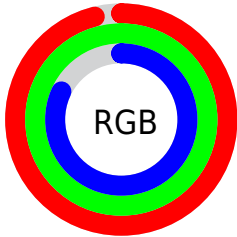
Format	Color
R _Y B	208, 255, 217
Decimal	16187344
CIE Lab	98.30, -10.65, 21.48
CIE LCh	98, 23.980, 116.379
Yxy	95.6669, 0.3346, 0.3759
Android (android.graphics.Color)	4294377424 (0xFFFF6FFD0)
YUV	246.9510, -19.2028, -0.8340
Hunter-Lab	97.8095, -15.7588, 23.8046

Details

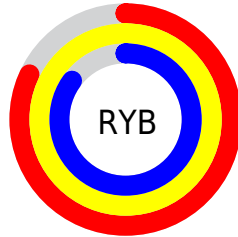
The Yxy color **95.6669, 0.3346, 0.3759** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.1102, 0.2882, 0.2793**, and the grayscale version is **93.1273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5069, 0.3390, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **93.6415, 0.3464, 0.4026**, and if you desaturate by 10%, it is **97.9229, 0.3226, 0.3499**.

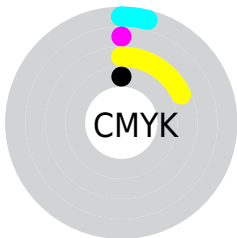
Distribution



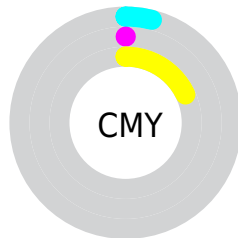
- Red (96%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6669, 0.3346, 0.3759 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 95.6669, 0.3346, 0.3759 by changing the saturation by 10% instead.

 95.6669, 0.3346,
0.3759

 95.6669, 0.3346,
0.3759

546.2978, 0.3252,
0.3549

 72.6902, 0.3366,
0.3805

155.1856, 0.3315,
0.3687

 53.7227, 0.3389,
0.3862


192.4964, 0.3302,
0.3659

 38.3800, 0.3418,
0.3932


235.3540, 0.3291,
0.3635

 26.2777, 0.3454,
0.4022

284.1428, 0.3282,
0.3613

 17.0315, 0.3498,
0.4140

339.2472, 0.3273,
0.3594

 10.2570, 0.3555,
0.4302

401.0515, 0.3265,

 5.5697, 0.3630,

0.3577

0.4536

469.9403, 0.3258,
0.3562

■ 2.5852, 0.3738,
0.4922

■ 0.9192, 0.4002,
0.5998

■ 95.6669, 0.3346,
0.3759

■ 95.6669, 0.3346,
0.3759

■ 93.6415, 0.3464,
0.4026

■ 97.9229, 0.3226,
0.3499

■ 91.8286, 0.3576,
0.4292

100.0000, 0.3127,
0.3290

■ 90.2204, 0.3677,
0.4547

■ 88.8052, 0.3761,
0.4780

■ 87.5702, 0.3823,
0.4980

■ 86.5009, 0.3859,
0.5138

■ 85.5798, 0.3869,
0.5249

■ 84.7830, 0.3855,
0.5315

■ 84.6629, 0.3852,
0.5324

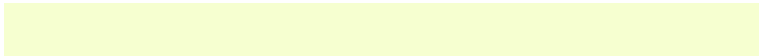
Harmonies

Analogous

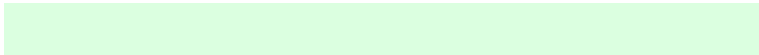
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6669, 0.3556, 0.3707



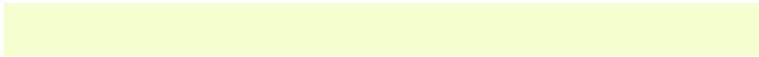
95.6669, 0.3346, 0.3759



95.6669, 0.3083, 0.3673

Triad

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



95.6669, 0.3346, 0.3759



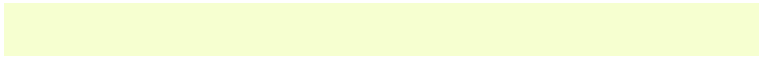
95.6669, 0.2630, 0.3003



95.6669, 0.3414, 0.3115

Complementary

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



95.6669, 0.3346, 0.3759



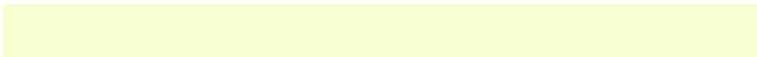
67.1102, 0.2882, 0.2793

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.



95.6669, 0.3154, 0.2946



95.6669, 0.3346, 0.3759



95.6669, 0.2708, 0.2876

Square

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



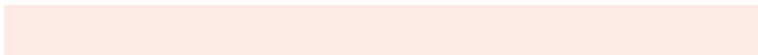
95.6669, 0.3346, 0.3759



95.6669, 0.2676, 0.3219



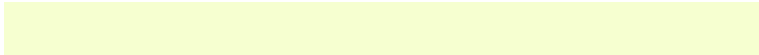
95.6669, 0.2897, 0.2858



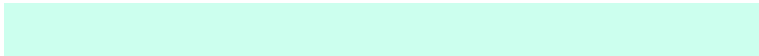
95.6669, 0.3599, 0.3331

Rectangle

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



95.6669, 0.3346, 0.3759



95.6669, 0.2915, 0.3546



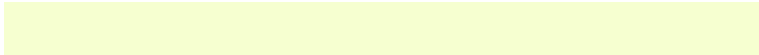
95.6669, 0.2897, 0.2858



95.6669, 0.3332, 0.3052

Sweetspot

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



95.6697, 0.3346, 0.3759



98.5018, 0.3198, 0.3438



75.2624, 0.3472, 0.3379



21.0496, 0.3205, 0.3454



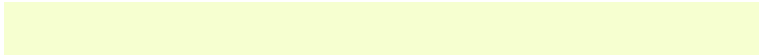
0.0000, 0.0000, 0.0000



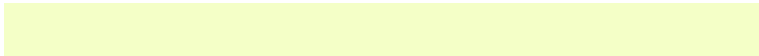
21.4041, 0.3127, 0.3290

Same Dimension

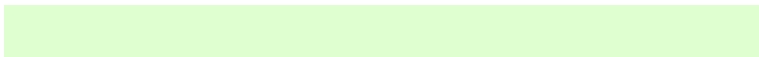
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6697, 0.3346, 0.3759



94.9172, 0.3389, 0.3854



91.7502, 0.3196, 0.3782



20.9046, 0.3239, 0.3527



44.3008, 0.3858, 0.5319



4.3565, 0.3898, 0.5287

Inverse Universe

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



67.1102, 0.2882, 0.2793



61.6708, 0.2827, 0.2685



70.9006, 0.3043, 0.2816



17.5452, 0.3008, 0.3046



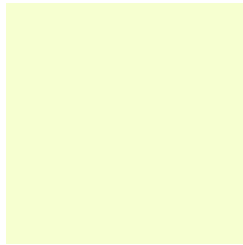
4.1593, 0.1590, 0.0649



0.4470, 0.1686, 0.0703

Previews

White Background



This preview shows how the Yxy color 95.6669, 0.3346, 0.3759 looks on a white background.

Color Contrast Check

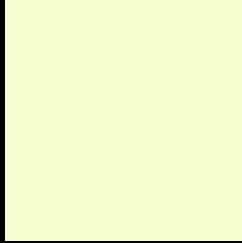
Large Text (above 18pt) WCAG AA × Fail

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 95.6669, 0.3346, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

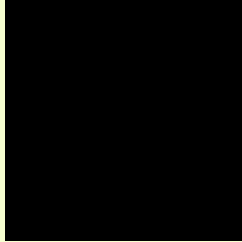
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6669, 0.3346, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 95.6669, 0.3346, 0.3759.



This preview shows how white text looks on a background with the Yxy color 95.6669, 0.3346, 0.3759.

Color Blindness Simulation

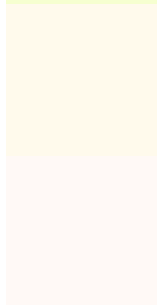
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.6669, 0.3346, 0.3759



Protanopia

95.6873, 0.3243, 0.3426

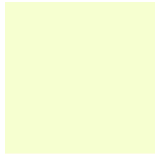
Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

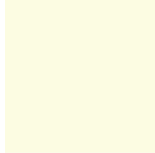
95.4806, 0.3105, 0.3232

Trichromacy



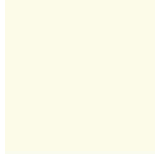
Original Color

95.6669, 0.3346, 0.3759



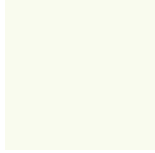
Protanomaly

95.8072, 0.3281, 0.3545



Deuteranomaly

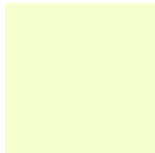
95.5160, 0.3246, 0.3476



Tritanomaly

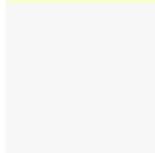
95.3071, 0.3191, 0.3417

Monochromacy



Original Color

95.6669, 0.3346, 0.3759



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0286, 0.3209, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6669, 0.3346, 0.3759 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(246, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 208)  
}
```

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(246, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 208) }
```

Border

The CSS property to change the border of an element to Yxy 95.6669, 0.3346, 0.3759 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(246, 255, 208) }
```

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

```
.border{ border-color:rgb(246, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6669, 0.3346, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 208) }
```

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

```
.background{ background-color: rgb(246,  
255, 208) }
```

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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