

Converting Colors

$Yxy(94.4379, 0.3156, 0.3435)$

Have a look what the booklet for
Yxy(94.4379, 0.3156, 0.3435)
contains.

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Color

Yxy(94.7899, 0.3158, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	F3FCED
RGB	243, 252, 237
RGB Percent	95%, 99%, 93%
CMY	0.0469, 0.0118, 0.0705
CMYK	0.04, 0.00, 0.06, 0.01
HSL	96°, 71%, 96%
HSV	96°, 6%, 99%
XYZ	87.0700, 94.7899, 93.8525
YIQ	247.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

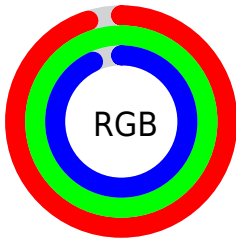
Format	Color
R_{YB}	237, 252, 246
Decimal	15989997
CIE _{Lab}	97.95, -5.56, 6.13
CIE _{LCh}	98, 8.273, 132.223
Y _{xy}	94.7899, 0.3158, 0.3438
Android (android.graphics.Color)	4294180077 (0xFFFF3FCED)
YUV	247.5990, -5.2253, -4.0333
Hunter-Lab	97.3601, -10.7461, 10.9981

Details

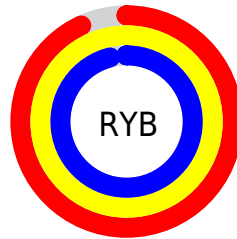
The Yxy color 94.7899, 0.3158, 0.3438 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.2082, 0.3095, 0.3143, and the grayscale version is 93.5764, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9312, 0.3167, 0.3467 is the 20% darker color. If you saturate the color by 10%, you get 90.8456, 0.3209, 0.3707, and if you desaturate by 10%, it is 98.0973, 0.3128, 0.3261.

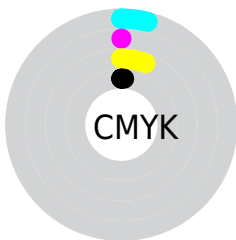
Distribution



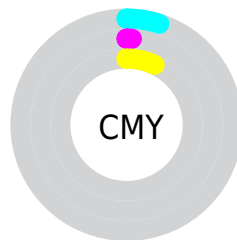
- Red (95%)
- Green (99%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (5%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7899, 0.3158, 0.3438 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 94.7899, 0.3158, 0.3438 by changing the saturation by 10% instead.


 94.7899, 0.3158,
0.3438

 94.7899, 0.3158,
0.3438


543.4921, 0.3145,
0.3372

 71.9601, 0.3161,
0.3452

153.9743, 0.3154,
0.3416

 53.1261, 0.3164,
0.3470


191.0977, 0.3152,
0.3407

 37.9034, 0.3168,
0.3492


233.7545, 0.3150,
0.3399

 25.9078, 0.3174,
0.3520

282.3290, 0.3149,
0.3392

 16.7546, 0.3180,
0.3557

337.2056, 0.3148,
0.3386

 10.0597, 0.3189,
0.3608

398.7687, 0.3147,

 5.4386, 0.3202,

0.3381

0.3684

467.4028, 0.3146,
0.3376

■ 2.5068, 0.3220,
0.3806

■ 0.8800, 0.3320,
0.4170

■ 94.7899, 0.3158,
0.3438

■ 94.7899, 0.3158,
0.3438

■ 90.8456, 0.3209,
0.3707

■ 98.0973, 0.3128,
0.3261

■ 87.3112, 0.3258,
0.3999

■ 84.1762, 0.3300,
0.4307

■ 81.4249, 0.3333,
0.4623

■ 79.0406, 0.3353,
0.4932

■ 77.0050, 0.3356,
0.5219

■ 75.2982, 0.3340,
0.5465

■ 73.8971, 0.3304,
0.5654

■ 72.7750, 0.3252,
0.5780

Harmonies

Analogous

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



94.7899, 0.3242, 0.3448



94.7899, 0.3158, 0.3438



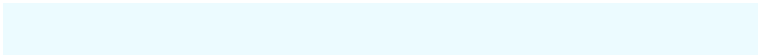
94.7899, 0.3066, 0.3387

Triad

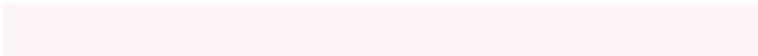
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.7899, 0.3158, 0.3438



94.7899, 0.2961, 0.3164



94.7899, 0.3264, 0.3270

Complementary

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



94.7899, 0.3158, 0.3438



87.2082, 0.3095, 0.3143

Split Complementary

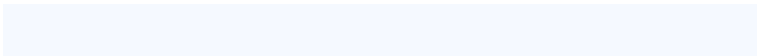
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7899, 0.3187, 0.3197



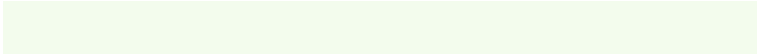
94.7899, 0.3158, 0.3438



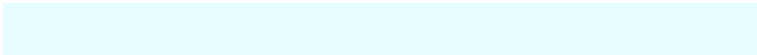
94.7899, 0.3012, 0.3135

Square

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



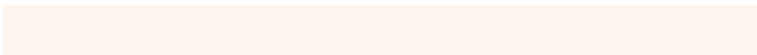
94.7899, 0.3158, 0.3438



94.7899, 0.2953, 0.3227



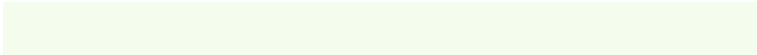
94.7899, 0.3094, 0.3148



94.7899, 0.3304, 0.3350

Rectangle

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



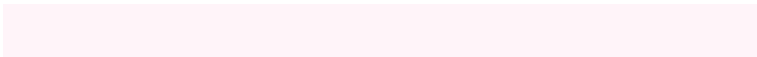
94.7899, 0.3158, 0.3438



94.7899, 0.3013, 0.3336



94.7899, 0.3094, 0.3148



94.7899, 0.3241, 0.3244

Sweetspot

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



94.7940, 0.3158, 0.3438



99.1009, 0.3138, 0.3339



92.5770, 0.3220, 0.3376



21.2211, 0.3137, 0.3336



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.



94.7940, 0.3158, 0.3438



96.9310, 0.3164, 0.3466



93.8173, 0.3113, 0.3427



19.8105, 0.3167, 0.3481



37.7882, 0.3241, 0.5809



3.5597, 0.3333, 0.5735

Inverse Universe

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



87.2082, 0.3095, 0.3143



87.8033, 0.3088, 0.3116



88.2315, 0.3142, 0.3157



17.7912, 0.3085, 0.3101



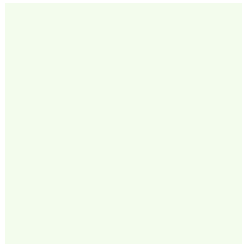
7.1755, 0.2228, 0.1001



0.7263, 0.2343, 0.1064

Previews

White Background



This preview shows how the Yxy color 94.7899, 0.3158, 0.3438 looks on a white background.

Color Contrast Check

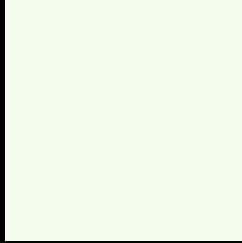
Large Text (above 18pt) WCAG AA × Fail

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 94.7899, 0.3158, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

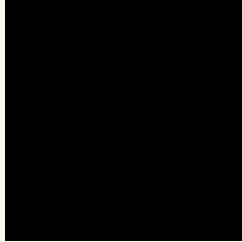
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

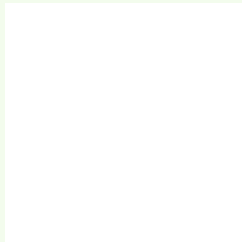
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.7899, 0.3158, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 94.7899, 0.3158, 0.3438.

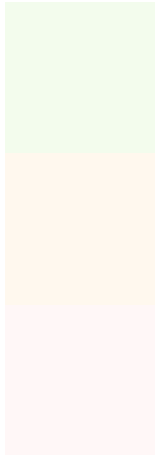


This preview shows how white text looks on a background with the Yxy color 94.7899, 0.3158, 0.3438.

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

94.7899, 0.3158, 0.3438

Protanopia

94.5678, 0.3232, 0.3387

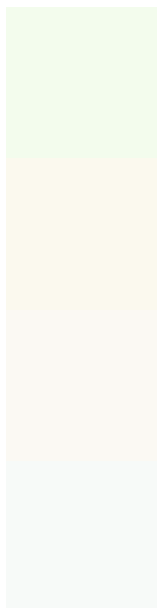
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

94.7899, 0.3158, 0.3438

Protanomaly

94.4336, 0.3205, 0.3398

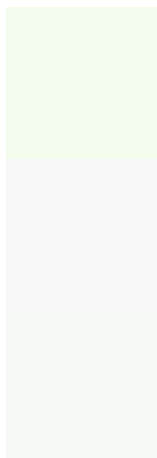
Deuteranomaly

94.7317, 0.3175, 0.3348

Tritanomaly

94.9227, 0.3120, 0.3309

Monochromacy



Original Color

94.7899, 0.3158, 0.3438

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8758, 0.3138, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7899, 0.3158, 0.3438 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(243, 252, 237)` looks like.

```
.text, #text, p{  
    color:rgb(243, 252, 237)  
}
```

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(243, 252, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 252, 237) }
```

Border

The CSS property to change the border of an element to Yxy 94.7899, 0.3158, 0.3438 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(243, 252, 237) }
```

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

```
.border{ border-color:rgb(243, 252, 237) }
```

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

Here you see how a box with a 4 pixel rgb(243, 252, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 252, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 252, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 252,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7899, 0.3158, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 252, 237) }
```

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

```
.background{ background-color: rgb(243,  
252, 237) }
```

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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