

Converting Colors

Yxy(95.1314, 0.3187, 0.3498)

Have a look what the booklet for
Yxy(95.1314, 0.3187, 0.3498)
contains.

Yxy(95.1314, 0.3187, 0.3498)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.1314, 0.3187, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	F3FDE8
RGB	243, 253, 232
RGB Percent	95%, 99%, 91%
CMY	0.0468, 0.0079, 0.0901
CMYK	0.04, 0.00, 0.08, 0.01
HSL	88°, 84%, 95%
HSV	88°, 8%, 99%
XYZ	86.6735, 95.1314, 90.1545
YIQ	247.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

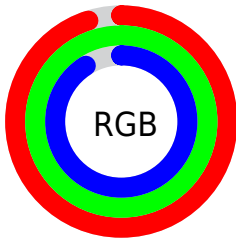
Format	Color
R _Y B	232, 253, 242
Decimal	15990248
CIE Lab	98.09, -6.89, 8.90
CIE LCh	98, 11.250, 127.747
Yxy	95.1314, 0.3187, 0.3498
Android (android.graphics.Color)	4294180328 (0xFFFF3FDE8)
YUV	247.6160, -7.6987, -4.0482
Hunter-Lab	97.5353, -12.0652, 13.4714

Details

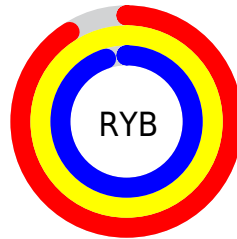
The Yxy color 95.1314, 0.3187, 0.3498 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.6837, 0.3063, 0.3082, and the grayscale version is 93.6149, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1792, 0.3203, 0.3544 is the 20% darker color. If you saturate the color by 10%, you get 91.7389, 0.3259, 0.3768, and if you desaturate by 10%, it is 98.7205, 0.3128, 0.3271.

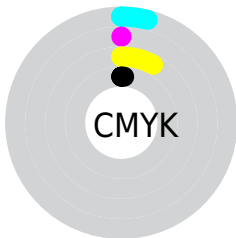
Distribution



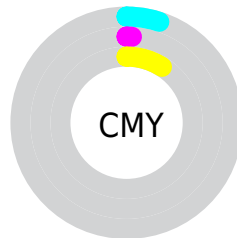
- Red (95%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)





- Cyan (5%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1314, 0.3187, 0.3498 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 95.1314, 0.3187, 0.3498 by changing the saturation by 10% instead.


 95.1314, 0.3187,
0.3498

 95.1314, 0.3187,
0.3498


544.5856, 0.3161,
0.3405

 72.2443, 0.3193,
0.3518


154.4461, 0.3178,
0.3466

 53.3583, 0.3199,
0.3543


191.6426, 0.3175,
0.3454

 38.0889, 0.3207,
0.3574


234.3776, 0.3172,
0.3443

 26.0517, 0.3217,
0.3614

283.0357, 0.3169,
0.3434

 16.8623, 0.3230,
0.3666

338.0011, 0.3167,
0.3425

 10.1364, 0.3248,
0.3739

399.6583, 0.3165,

 5.4895, 0.3272,

0.3418

0.3846

468.3916, 0.3163,
0.3411

■ 2.5372, 0.3307,
0.4019

■ 0.8952, 0.3536,
0.4637

■ 95.1314, 0.3187,
0.3498

■ 95.1314, 0.3187,
0.3498

■ 91.7389, 0.3259,
0.3768

98.7205, 0.3128,
0.3271

■ 88.6766, 0.3328,
0.4055

■ 85.9364, 0.3389,
0.4353

■ 83.5054, 0.3440,
0.4651

■ 81.3695, 0.3475,
0.4936

■ 79.5134, 0.3490,
0.5193

■ 77.9197, 0.3482,
0.5408

■ 76.5687, 0.3451,
0.5569

■ 75.4337, 0.3400,
0.5674

Harmonies

Analogous

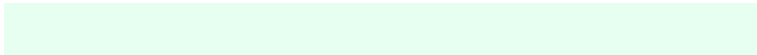
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1314, 0.3298, 0.3502



95.1314, 0.3187, 0.3498



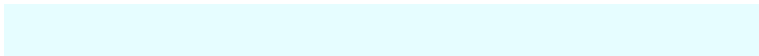
95.1314, 0.3062, 0.3435

Triad

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



95.1314, 0.3187, 0.3498



95.1314, 0.2896, 0.3128



95.1314, 0.3300, 0.3246

Complementary

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



95.1314, 0.3187, 0.3498



83.6837, 0.3063, 0.3082

Split Complementary

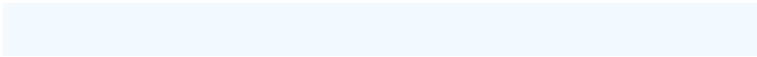
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1314, 0.3190, 0.3151



95.1314, 0.3187, 0.3498



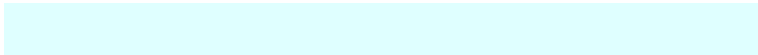
95.1314, 0.2957, 0.3083

Square

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



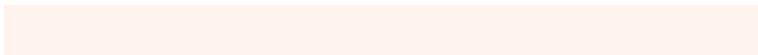
95.1314, 0.3187, 0.3498



95.1314, 0.2896, 0.3218



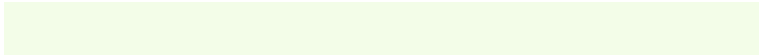
95.1314, 0.3064, 0.3092



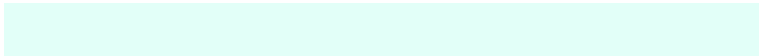
95.1314, 0.3364, 0.3354

Rectangle

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



95.1314, 0.3187, 0.3498



95.1314, 0.2987, 0.3369



95.1314, 0.3064, 0.3092



95.1314, 0.3267, 0.3212

Sweetspot

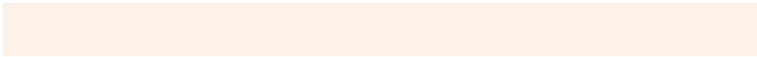
The Sweet Spot groups the original color and five complimentary colors.



95.1355, 0.3187, 0.3498



99.2213, 0.3142, 0.3339



90.0957, 0.3261, 0.3387



21.2456, 0.3141, 0.3336



0.0000, 0.0000, 0.0000



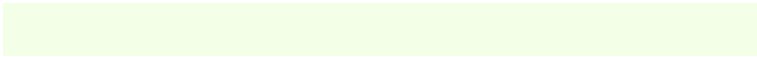
21.4041, 0.3127, 0.3290

Same Dimension

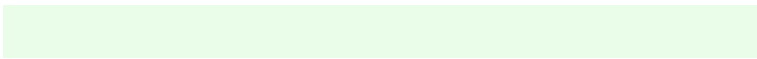
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1355, 0.3187, 0.3498



96.2492, 0.3199, 0.3543



93.3451, 0.3122, 0.3502



20.6393, 0.3196, 0.3530



40.1262, 0.3402, 0.5681



3.9720, 0.3486, 0.5614

Inverse Universe

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



83.6837, 0.3063, 0.3082



82.3351, 0.3049, 0.3036



85.5664, 0.3132, 0.3086



17.7990, 0.3053, 0.3050



5.9687, 0.1969, 0.0858



0.6456, 0.2094, 0.0927

Previews

White Background



This preview shows how the Yxy color 95.1314, 0.3187, 0.3498 looks on a white background.

Color Contrast Check

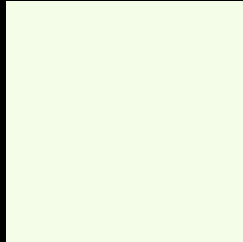
Large Text (above 18pt) WCAG AA × Fail

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 95.1314, 0.3187, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

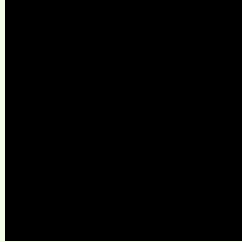
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

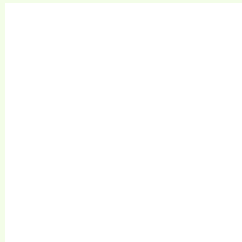
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1314, 0.3187, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 95.1314, 0.3187, 0.3498.

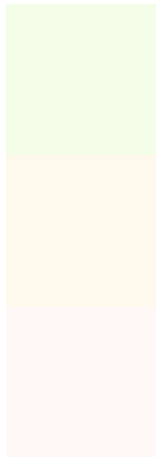


This preview shows how white text looks on a background with the Yxy color 95.1314, 0.3187, 0.3498.

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

95.1314, 0.3187, 0.3498

Protanopia

95.1258, 0.3237, 0.3407

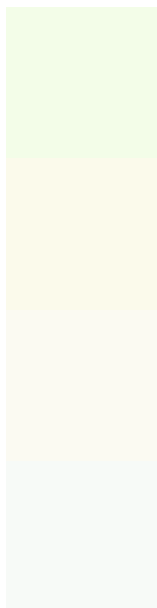
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.1314, 0.3187, 0.3498

Protanomaly

94.8786, 0.3223, 0.3437

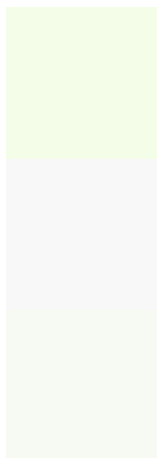
Deuteranomaly

95.2912, 0.3181, 0.3368

Tritanomaly

94.8608, 0.3126, 0.3319

Monochromacy



Original Color

95.1314, 0.3187, 0.3498

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3748, 0.3149, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1314, 0.3187, 0.3498 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, 253, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 253, 232)  
}
```

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, 253, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 253, 232) }
```

Border

The CSS property to change the border of an element to Yxy 95.1314, 0.3187, 0.3498 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, 253, 232) }
```

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

```
.border{ border-color:rgb(243, 253, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 253, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 253, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 253, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 253,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1314, 0.3187, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 253, 232) }
```

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

```
.background{ background-color: rgb(243,  
253, 232) }
```

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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