

Converting Colors

$Yxy(95.3958, 0.3232, 0.3461)$

Have a look what the booklet for
Yxy(95.3958, 0.3232, 0.3461)
contains.

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Color

Yxy(95.3868, 0.3234, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	FBFB E9
RGB	251, 251, 233
RGB Percent	98%, 98%, 91%
CMY	0.0155, 0.0157, 0.0862
CMYK	0.00, 0.00, 0.07, 0.02
HSL	60°, 70%, 95%
HSV	60°, 7%, 98%
XYZ	89.0020, 95.3868, 90.8184
YIQ	248.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

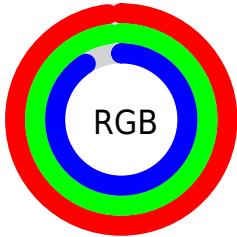
Format	Color
R _Y B	233, 251, 233
Decimal	16514025
CIE Lab	98.19, -3.02, 8.61
CIE LCh	98, 9.127, 109.343
Yxy	95.3868, 0.3234, 0.3466
Android (android.graphics.Color)	4294704105 (0xFFFBFB E9)
YUV	248.9480, -7.8624, 1.7996
Hunter-Lab	97.6662, -8.2509, 13.2334

Details

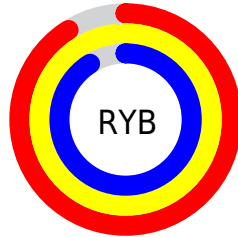
The Yxy color 95.3868, 0.3234, 0.3466 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.6086, 0.3017, 0.3108, and the grayscale version is 94.7569, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6739, 0.3255, 0.3515 is the 20% darker color. If you saturate the color by 10%, you get 94.0091, 0.3387, 0.3717, and if you desaturate by 10%, it is 96.7747, 0.3104, 0.3252.

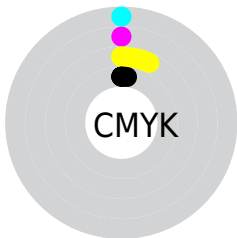
Distribution



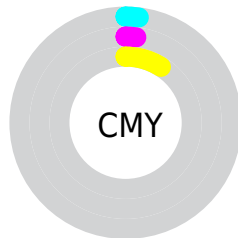
- Red (98%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3868, 0.3234, 0.3466 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 95.3868, 0.3234, 0.3466 by changing the saturation by 10% instead.


 95.3868, 0.3234,
0.3466

 95.3868, 0.3234,
0.3466

545.4025, 0.3187,
0.3388

 72.4570, 0.3244,
0.3483


154.7989, 0.3218,
0.3440

 53.5320, 0.3256,
0.3504


192.0499, 0.3212,
0.3429

 38.2277, 0.3272,
0.3530


234.8434, 0.3206,
0.3420

 26.1594, 0.3291,
0.3562

283.5638, 0.3202,
0.3412

 16.9430, 0.3316,
0.3605

338.5956, 0.3197,
0.3405

 10.1938, 0.3350,
0.3665

400.3230, 0.3194,

 5.5277, 0.3398,

0.3399

0.3751

469.1305, 0.3190,
0.3393

■ 2.5601, 0.3474,
0.3889

■ 0.9066, 0.3789,
0.4360

■ 95.3868, 0.3234,
0.3466

■ 95.3868, 0.3234,
0.3466

■ 94.0091, 0.3387,
0.3717

■ 96.7747, 0.3104,
0.3252

■ 92.8228, 0.3540,
0.3969


■ 96.8222, 0.3104,
0.3253


■ 91.8228, 0.3689,
0.4214

■ 96.8698, 0.3104,
0.3254

■ 90.9994, 0.3827,
0.4442


■ 96.9174, 0.3104,
0.3254

 90.3416, 0.3949,
0.4642

 96.9650, 0.3104,
0.3255


 89.8373, 0.4049,
0.4806

 97.0126, 0.3104,
0.3256


 89.4731, 0.4124,
0.4928

 97.0603, 0.3104,
0.3257

 89.2327, 0.4171,
0.5005

 97.1080, 0.3104,
0.3257

 89.0956, 0.4194,
0.5042

 97.1557, 0.3104,
0.3258

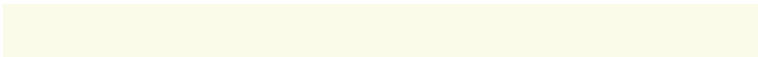
Harmonies

Analogous

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



95.3868, 0.3303, 0.3440



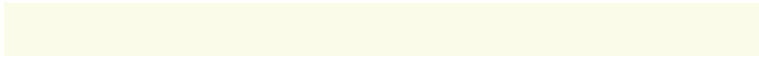
95.3868, 0.3234, 0.3466



95.3868, 0.3137, 0.3443

Triad

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



95.3868, 0.3234, 0.3466



95.3868, 0.2933, 0.3201



95.3868, 0.3216, 0.3205

Complementary

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



95.3868, 0.3234, 0.3466



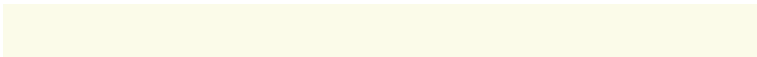
82.6086, 0.3017, 0.3108

Split Complementary

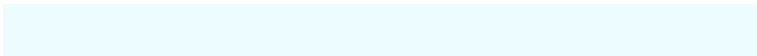
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3868, 0.3115, 0.3143



95.3868, 0.3234, 0.3466



95.3868, 0.2953, 0.3139

Square

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



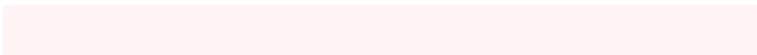
95.3868, 0.3234, 0.3466



95.3868, 0.2964, 0.3288



95.3868, 0.3019, 0.3119



95.3868, 0.3293, 0.3289

Rectangle

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



95.3868, 0.3234, 0.3466



95.3868, 0.3069, 0.3404



95.3868, 0.3019, 0.3119



95.3868, 0.3183, 0.3181

Sweetspot

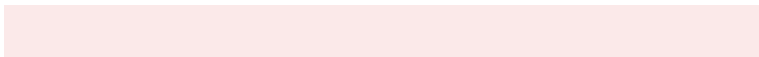
The Sweet Spot groups the original color and five complimentary colors.



95.3910, 0.3234, 0.3466



99.6660, 0.3157, 0.3339



84.7031, 0.3248, 0.3287



21.3361, 0.3155, 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.



95.3910, 0.3234, 0.3466



98.5647, 0.3262, 0.3511



93.8428, 0.3178, 0.3470



20.1812, 0.3269, 0.3524



46.8017, 0.4198, 0.5048



4.3375, 0.4198, 0.5049

Inverse Universe

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



82.6086, 0.3017, 0.3108



82.1647, 0.2987, 0.3059



84.0813, 0.3074, 0.3110



16.6515, 0.2979, 0.3045



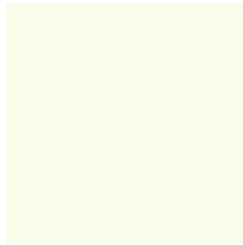
3.6735, 0.1501, 0.0602



0.3431, 0.1502, 0.0606

Previews

White Background



This preview shows how the Yxy color 95.3868, 0.3234, 0.3466 looks on a white background.

Color Contrast Check

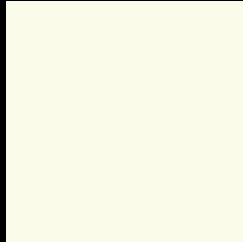
Large Text (above 18pt) WCAG AA × Fail

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 95.3868, 0.3234, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

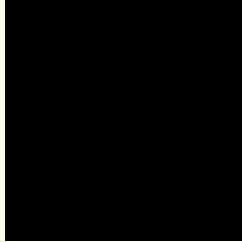
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.3868, 0.3234, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 95.3868, 0.3234, 0.3466.

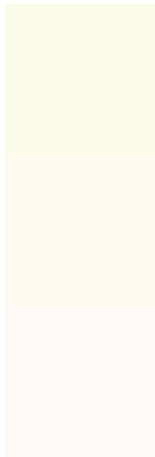


This preview shows how white text looks on a background with the Yxy color 95.3868, 0.3234, 0.3466.

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

95.3868, 0.3234, 0.3466

Protanopia

95.2434, 0.3225, 0.3387

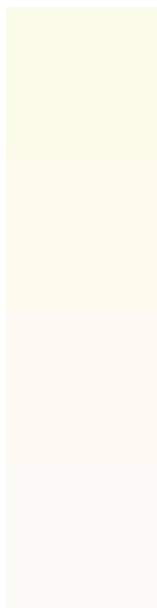
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.6668, 0.3111, 0.3232

Trichromacy



Original Color

95.3868, 0.3234, 0.3466

Protanomaly

95.5565, 0.3230, 0.3416

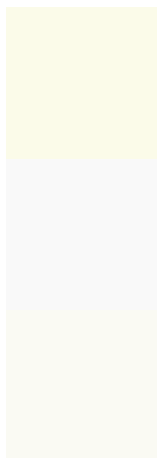
Deuteranomaly

95.2330, 0.3201, 0.3358

Tritanomaly

95.7821, 0.3157, 0.3319

Monochromacy



Original Color

95.3868, 0.3234, 0.3466

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.1663, 0.3168, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3868, 0.3234, 0.3466 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(251, 251, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 233)  
}
```

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(251, 251, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 233) }
```

Border

The CSS property to change the border of an element to Yxy 95.3868, 0.3234, 0.3466 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(251, 251, 233) }
```

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

```
.border{ border-color:rgb(251, 251, 233) }
```

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

Here you see how a box with a 4 pixel rgb(251, 251, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 251, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 251, 233);  
box-shadow:4px 4px 4px 4px rgb(251, 251,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3868, 0.3234, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 233) }
```

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

```
.background{ background-color: rgb(251,  
251, 233) }
```

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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