

Converting Colors

$Y_{xy}(100.0000, 0.3421, 0.3421)$

Have a look what the booklet for
Yxy(100.0000, 0.3421, 0.3421)
contains.

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Color

Yxy(95.0095, 0.3250, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9EB
RGB	255, 249, 235
RGB Percent	100%, 98%, 92%
CMY	0.0000, 0.0236, 0.0784
CMYK	0.00, 0.02, 0.08, 0.00
HSL	42°, 100%, 96%
HSV	42°, 8%, 100%
XYZ	90.1287, 95.0095, 92.1808
YIQ	249.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

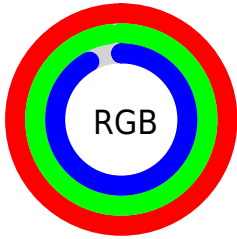
Format	Color
RYB	244, 255, 235
Decimal	16775659
CIELab	98.04, -0.32, 7.42
CIElCh	98, 7.422, 92.453
Yxy	95.0095, 0.3250, 0.3426
Android (android.graphics.Color)	4294965739 (0xFFFFF9EB)
YUV	249.1980, -6.9996, 5.0884
Hunter-Lab	97.4728, -5.5266, 12.1599

Details

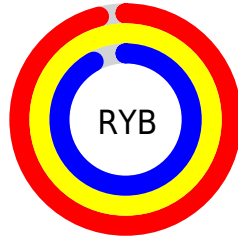
The Yxy color 95.0095, 0.3250, 0.3426 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.7976, 0.3006, 0.3150, and the grayscale version is 94.9480, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4004, 0.3275, 0.3463 is the 20% darker color. If you saturate the color by 10%, you get 88.9883, 0.3419, 0.3607, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

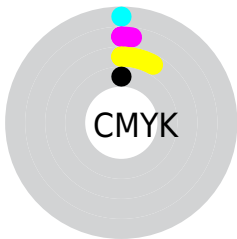
Distribution



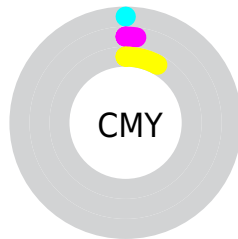
- Red (100%)
- Green (98%)
- Blue (92%)



- Red (96%)
- Yellow (100%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.0095, 0.3250, 0.3426 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 95.0095, 0.3250, 0.3426 by changing the saturation by 10% instead.

 95.0095, 0.3250,
0.3426

 95.0095, 0.3250,
0.3426


544.1954, 0.3196,
0.3366

 72.1429, 0.3262,
0.3439

154.2777, 0.3232,
0.3406

 53.2754, 0.3276,
0.3455


191.4481, 0.3224,
0.3398

 38.0227, 0.3294,
0.3475


234.1552, 0.3218,
0.3391

 26.0003, 0.3316,
0.3500

282.7835, 0.3213,
0.3385

 16.8239, 0.3346,
0.3532

337.7172, 0.3208,
0.3379

 10.1090, 0.3386,
0.3577

399.3408, 0.3203,

 5.4713, 0.3444,

0.3374

0.3642

468.0388, 0.3199,
0.3370

■ 2.5263, 0.3536,
0.3745

■ 0.8898, 0.3847,
0.4085

■ 95.0095, 0.3250,
0.3426

■ 95.0095, 0.3250,
0.3426

■ 88.9883, 0.3419,
0.3607

100.0000, 0.3127,
0.3290

■ 83.3694, 0.3603,
0.3792

■ 78.1320, 0.3799,
0.3976

■ 73.2634, 0.4002,
0.4151

■ 68.7499, 0.4205,
0.4306

■ 64.5763, 0.4399,
0.4430

■ 60.7260, 0.4574,
0.4513

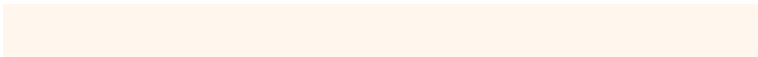
■ 57.1795, 0.4722,
0.4546

■ 53.9114, 0.4838,
0.4529

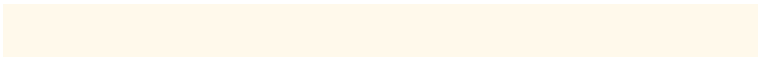
Harmonies

Analogous

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



95.0095, 0.3286, 0.3386



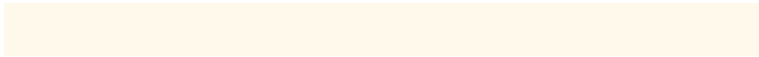
95.0095, 0.3250, 0.3426



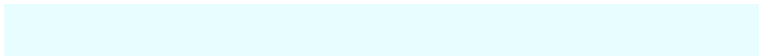
95.0095, 0.3181, 0.3430

Triad

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



95.0095, 0.3250, 0.3426



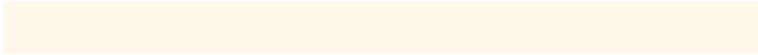
95.0095, 0.2978, 0.3256



95.0095, 0.3154, 0.3189

Complementary

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



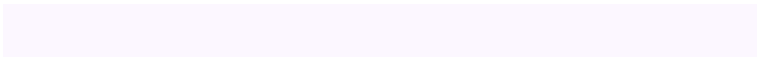
95.0095, 0.3250, 0.3426



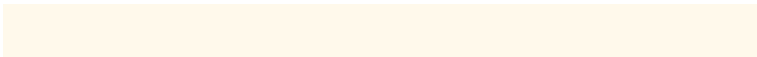
87.7976, 0.3006, 0.3150

Split Complementary

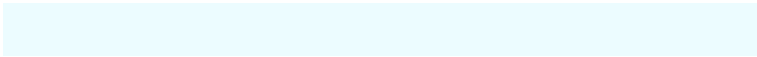
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0095, 0.3072, 0.3155



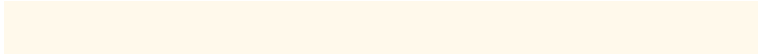
95.0095, 0.3250, 0.3426



95.0095, 0.2971, 0.3192

Square

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



95.0095, 0.3250, 0.3426



95.0095, 0.3025, 0.3331



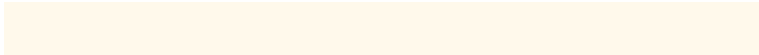
95.0095, 0.3005, 0.3156



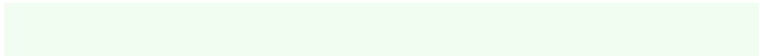
95.0095, 0.3230, 0.3249

Rectangle

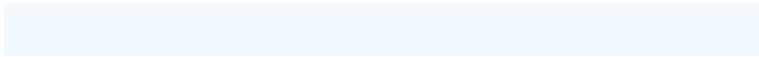
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.0095, 0.3250, 0.3426



95.0095, 0.3127, 0.3410



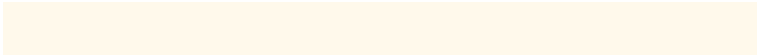
95.0095, 0.3005, 0.3156



95.0095, 0.3126, 0.3174

Sweetspot

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



95.0007, 0.3250, 0.3426



98.7015, 0.3157, 0.3324



87.0447, 0.3222, 0.3228



21.1399, 0.3156, 0.3322



0.0000, 0.0000, 0.0000



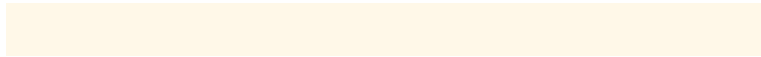
21.4041, 0.3127, 0.3290

Same Dimension

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



95.0007, 0.3250, 0.3426



94.2857, 0.3268, 0.3447



98.0889, 0.3221, 0.3485



20.1145, 0.3277, 0.3456



28.0914, 0.4847, 0.4533



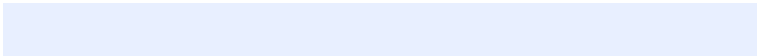
2.9269, 0.4755, 0.4607

Inverse Universe

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



87.7976, 0.3006, 0.3150



86.0875, 0.2987, 0.3128



84.9262, 0.3029, 0.3091



18.2679, 0.2979, 0.3119



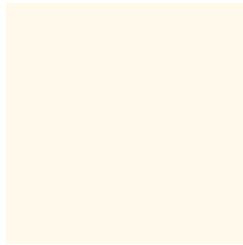
6.7480, 0.1610, 0.0995



0.8387, 0.1671, 0.1214

Previews

White Background



This preview shows how the Yxy color 95.0095, 0.3250, 0.3426 looks on a white background.

Color Contrast Check

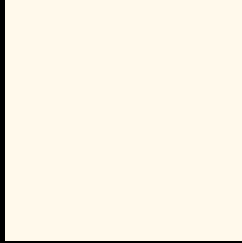
Large Text (above 18pt) WCAG AA × Fail

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 95.0095, 0.3250, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

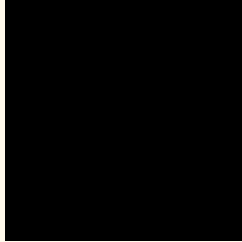
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.0095, 0.3250, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 95.0095, 0.3250, 0.3426.

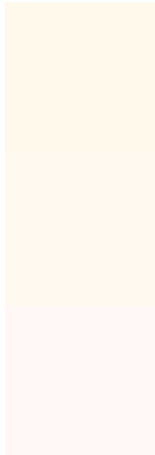


This preview shows how white text looks on a background with the Yxy color 95.0095, 0.3250, 0.3426.

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

95.0095, 0.3250, 0.3426

Protanopia

95.2434, 0.3225, 0.3387

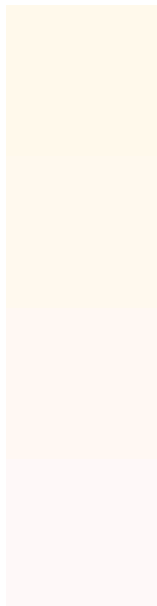
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.2374, 0.3118, 0.3223

Trichromacy



Original Color

95.0095, 0.3250, 0.3426

Protanomaly

95.1844, 0.3231, 0.3397

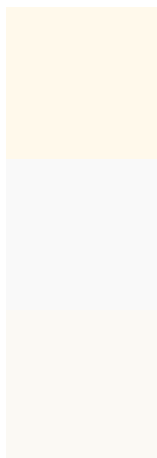
Deuteranomaly

94.8659, 0.3202, 0.3338

Tritanomaly

94.9829, 0.3165, 0.3290

Monochromacy



Original Color

95.0095, 0.3250, 0.3426

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.7922, 0.3169, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0095, 0.3250, 0.3426 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(255, 249, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 235)  
}
```

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(255, 249, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 235) }
```

Border

The CSS property to change the border of an element to Yxy 95.0095, 0.3250, 0.3426 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(255, 249, 235) }
```

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

```
.border{ border-color:rgb(255, 249, 235) }
```

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

Here you see how a box with a 4 pixel rgb(255, 249, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0095, 0.3250, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 235) }
```

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

```
.background{ background-color: rgb(255,  
249, 235) }
```

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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