

Converting Colors

$Y_{xy}(94.7542, 0.3234, 0.3441)$

Have a look what the booklet for
Yxy(94.7542, 0.3234, 0.3441)
contains.

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Color

Yxy(95.0072, 0.3235, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	FCFAEA
RGB	252, 250, 234
RGB Percent	99%, 98%, 92%
CMY	0.0117, 0.0196, 0.0822
CMYK	0.00, 0.01, 0.07, 0.01
HSL	53°, 75%, 95%
HSV	53°, 7%, 99%
XYZ	89.1899, 95.0072, 91.5058
YIQ	248.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

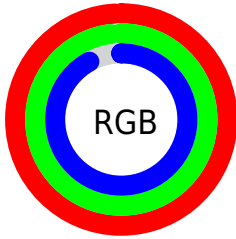
Format	Color
R _Y B	236, 252, 234
Decimal	16579306
CIE Lab	98.04, -2.03, 7.88
CIE LCh	98, 8.133, 104.420
Yxy	95.0072, 0.3235, 0.3446
Android (android.graphics.Color)	4294769386 (0xFFFCFAEA)
YUV	248.7740, -7.2836, 2.8292
Hunter-Lab	97.4716, -7.2418, 12.5691

Details

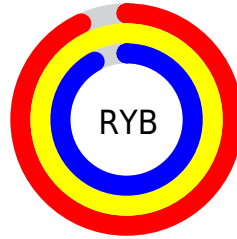
The Yxy color 95.0072, 0.3235, 0.3446 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.5505, 0.3017, 0.3129, and the grayscale version is 94.5993, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4000, 0.3256, 0.3489 is the 20% darker color. If you saturate the color by 10%, you get 91.9193, 0.3393, 0.3672, and if you desaturate by 10%, it is 98.0598, 0.3110, 0.3269.

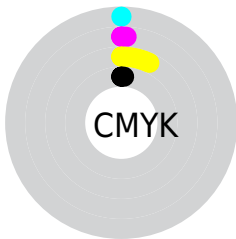
Distribution



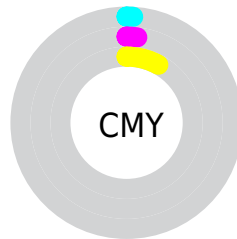
- Red (99%)
- Green (98%)
- Blue (92%)



- Red (93%)
- Yellow (99%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (1%)




- Cyan (1%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0072, 0.3235, 0.3446 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 95.0072, 0.3235, 0.3446 by changing the saturation by 10% instead.

 95.0072, 0.3235,
0.3446

 95.0072, 0.3235,
0.3446


544.1880, 0.3188,
0.3377

 72.1410, 0.3245,
0.3461


154.2746, 0.3219,
0.3423

 53.2738, 0.3258,
0.3479


191.4445, 0.3213,
0.3413

 38.0214, 0.3273,
0.3502


234.1510, 0.3207,
0.3405

 25.9993, 0.3293,
0.3531

282.7787, 0.3202,
0.3398

 16.8231, 0.3318,
0.3569

337.7118, 0.3198,
0.3392

 10.1085, 0.3353,
0.3622

399.3349, 0.3194,

 5.4709, 0.3403,

0.3386

0.3698

468.0321, 0.3191,
0.3381

■ 2.5261, 0.3482,
0.3819

■ 0.8897, 0.3784,
0.4229

■ 95.0072, 0.3235,
0.3446

■ 95.0072, 0.3235,
0.3446

■ 91.9193, 0.3393,
0.3672

■ 98.0598, 0.3110,
0.3269

■ 89.0508, 0.3557,
0.3900

■ 99.4385, 0.3109,
0.3290

■ 86.3967, 0.3722,
0.4124

■ 83.9466, 0.3882,
0.4335

■ 81.6897, 0.4031,
0.4523

■ 79.6136, 0.4162,
0.4676

■ 77.7045, 0.4268,
0.4789

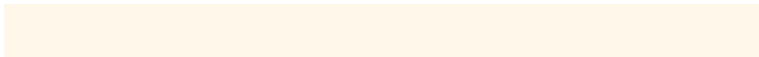
■ 75.9460, 0.4347,
0.4856

■ 74.3173, 0.4398,
0.4879

Harmonies

Analogous

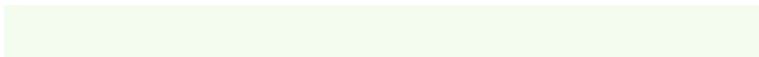
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0072, 0.3291, 0.3416



95.0072, 0.3235, 0.3446



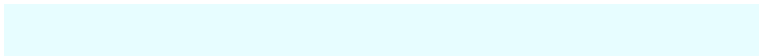
95.0072, 0.3151, 0.3433

Triad

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



95.0072, 0.3235, 0.3446



95.0072, 0.2955, 0.3222



95.0072, 0.3192, 0.3203

Complementary

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



95.0072, 0.3235, 0.3446



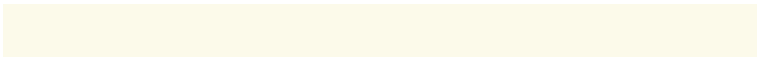
84.5505, 0.3017, 0.3129

Split Complementary

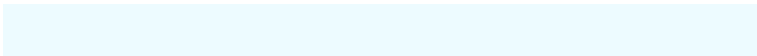
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0072, 0.3102, 0.3153



95.0072, 0.3235, 0.3446



95.0072, 0.2966, 0.3162

Square

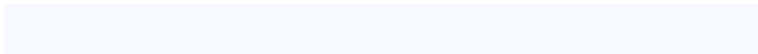
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



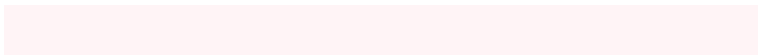
95.0072, 0.3235, 0.3446



95.0072, 0.2990, 0.3302



95.0072, 0.3019, 0.3137



95.0072, 0.3266, 0.3276

Rectangle

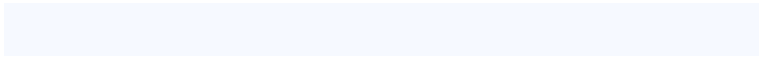
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.0072, 0.3235, 0.3446



95.0072, 0.3090, 0.3401



95.0072, 0.3019, 0.3137



95.0072, 0.3163, 0.3183

Sweetspot

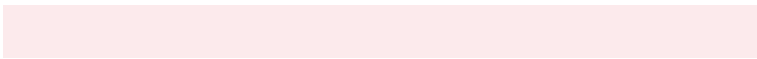
The Sweet Spot groups the original color and five complimentary colors.



95.0113, 0.3235, 0.3446



99.3112, 0.3157, 0.3333



85.6291, 0.3236, 0.3270



21.2639, 0.3155, 0.3331



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.



95.0113, 0.3235, 0.3446



96.9766, 0.3264, 0.3488



95.0085, 0.3189, 0.3468



19.8384, 0.3272, 0.3499



38.6093, 0.4405, 0.4884



3.6677, 0.4377, 0.4907

Inverse Universe

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



84.5505, 0.3017, 0.3129



83.5868, 0.2987, 0.3084



84.5843, 0.3062, 0.3111



16.9565, 0.2979, 0.3072



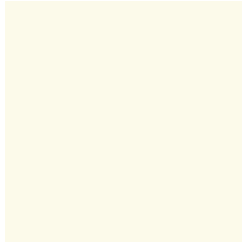
4.2040, 0.1522, 0.0679



0.4882, 0.1563, 0.0828

Previews

White Background



This preview shows how the Yxy color 95.0072, 0.3235, 0.3446 looks on a white background.

Color Contrast Check

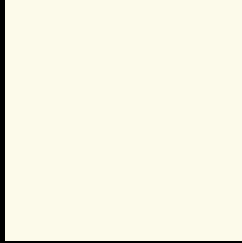
Large Text (above 18pt) WCAG AA × Fail

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 95.0072, 0.3235, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

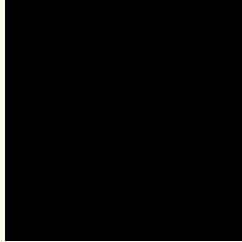
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.0072, 0.3235, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 95.0072, 0.3235, 0.3446.

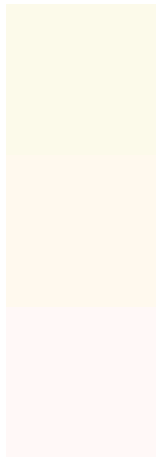


This preview shows how white text looks on a background with the Yxy color 95.0072, 0.3235, 0.3446.

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

95.0072, 0.3235, 0.3446

Protanopia

95.1844, 0.3231, 0.3397

Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.0503, 0.3111, 0.3223

Trichromacy

A vertical color bar for the Trichromacy section, divided into four horizontal segments. The top segment is yellow, the second is light yellow, the third is light orange, and the bottom is light beige. The text is positioned to the right of the bar.

Original Color

95.0072, 0.3235, 0.3446

Protanomaly

94.9366, 0.3231, 0.3407

Deuteranomaly

95.2330, 0.3201, 0.3358

Tritanomaly

95.1622, 0.3158, 0.3309

Monochromacy

A vertical color bar for the Monochromacy section, divided into three horizontal segments. The top segment is yellow, the middle is light grey, and the bottom is light beige. The text is positioned to the right of the bar.

Original Color

95.0072, 0.3235, 0.3446

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.6070, 0.3163, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0072, 0.3235, 0.3446 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(252, 250, 234)` looks like.

```
.text, #text, p{  
    color:rgb(252, 250, 234)  
}
```

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(252, 250, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 250, 234) }
```

Border

The CSS property to change the border of an element to Yxy 95.0072, 0.3235, 0.3446 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(252, 250, 234) }
```

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

```
.border{ border-color:rgb(252, 250, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 250, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 250, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 250, 234);  
box-shadow:4px 4px 4px 4px rgb(252, 250,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0072, 0.3235, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 250, 234) }
```

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

```
.background{ background-color: rgb(252,  
250, 234) }
```

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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