

Converting Colors

$Y_{xy}(95.5840, 0.3207, 0.3365)$

Have a look what the booklet for
Yxy(95.5840, 0.3207, 0.3365)
contains.

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Color

Yxy(95.4222, 0.3207, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9F2
RGB	255, 249, 242
RGB Percent	100%, 98%, 95%
CMY	0.0001, 0.0235, 0.0510
CMYK	0.00, 0.02, 0.05, 0.00
HSL	33°, 99%, 97%
HSV	33°, 5%, 100%
XYZ	91.1313, 95.4222, 97.6103
YIQ	249.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

Format	Color
RYB	253, 255, 242
Decimal	16775666
CIELab	98.20, 0.79, 4.06
CIELCh	98, 4.131, 79.025
Yxy	95.4222, 0.3207, 0.3358
Android (android.graphics.Color)	4294965746 (0xFFFFF9F2)
YUV	249.9960, -3.9420, 4.3885
Hunter-Lab	97.6843, -4.4218, 9.1339

Details

The Yxy color 95.4222, 0.3207, 0.3358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.1889, 0.3049, 0.3221, and the grayscale version is 95.6228, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6909, 0.3221, 0.3376 is the 20% darker color. If you saturate the color by 10%, you get 86.9985, 0.3380, 0.3498, and if you desaturate by 10%, it is 99.9933, 0.3127, 0.3290.

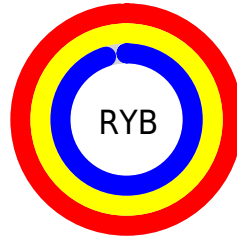
Distribution



Red (100%)

Green (98%)

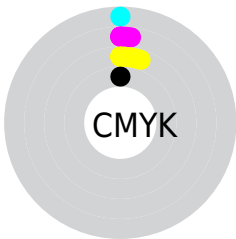
Blue (95%)



Red (99%)

Yellow (100%)

Blue (95%)



Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4222, 0.3207, 0.3358 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 95.4222, 0.3207, 0.3358 by changing the saturation by 10% instead.


 95.4222, 0.3207,
0.3358

 95.4222, 0.3207,
0.3358


545.5157, 0.3172,
0.3328

 72.4864, 0.3215,
0.3364

154.8478, 0.3195,
0.3348

 53.5561, 0.3224,
0.3372


192.1063, 0.3190,
0.3344

 38.2469, 0.3235,
0.3382


234.9080, 0.3186,
0.3340

 26.1744, 0.3250,
0.3394

283.6370, 0.3183,
0.3337

 16.9541, 0.3269,
0.3411

338.6780, 0.3179,
0.3335

 10.2018, 0.3296,
0.3433

400.4151, 0.3177,

 5.5330, 0.3334,

0.3332

0.3465

469.2329, 0.3174,
0.3330

■ 2.5632, 0.3395,
0.3515

■ 0.9082, 0.3537,
0.3638

■ 95.4222, 0.3207,
0.3358

■ 95.4222, 0.3207,
0.3358

■ 86.9985, 0.3380,
0.3498

99.9933, 0.3127,
0.3290

■ 79.2165, 0.3575,
0.3643

■ 72.0629, 0.3793,
0.3791

■ 65.5188, 0.4031,
0.3933

■ 59.5644, 0.4285,
0.4061

■ 54.1783, 0.4545,
0.4164

■ 49.3374, 0.4799,
0.4228

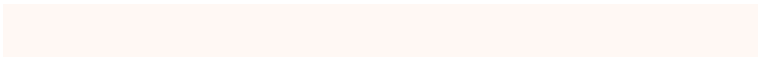
■ 45.0158, 0.5031,
0.4242

■ 41.1834, 0.5227,
0.4200

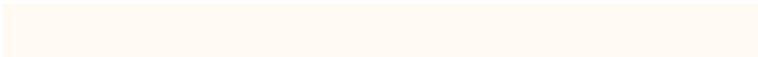
Harmonies

Analogous

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



95.4222, 0.3216, 0.3329



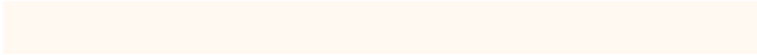
95.4222, 0.3207, 0.3358



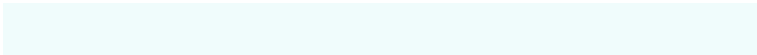
95.4222, 0.3176, 0.3369

Triad

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



95.4222, 0.3207, 0.3358



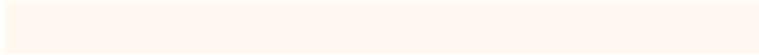
95.4222, 0.3053, 0.3290



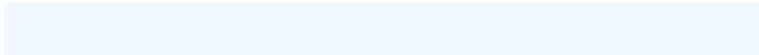
95.4222, 0.3122, 0.3223

Complementary

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



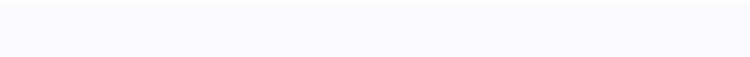
95.4222, 0.3207, 0.3358



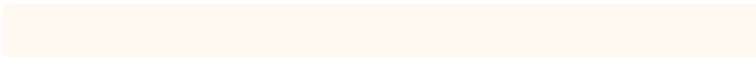
93.1889, 0.3049, 0.3221

Split Complementary

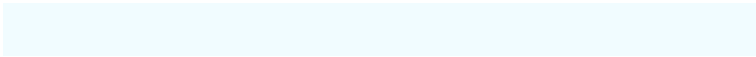
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4222, 0.3078, 0.3212



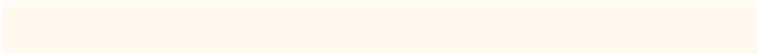
95.4222, 0.3207, 0.3358



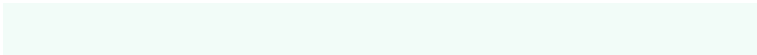
95.4222, 0.3039, 0.3251

Square

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



95.4222, 0.3207, 0.3358



95.4222, 0.3087, 0.3330



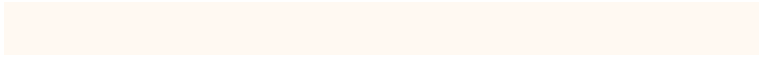
95.4222, 0.3048, 0.3222



95.4222, 0.3167, 0.3251

Rectangle

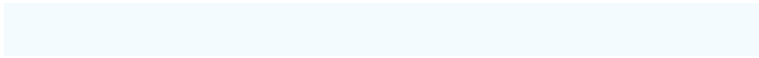
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.4222, 0.3207, 0.3358



95.4222, 0.3148, 0.3365



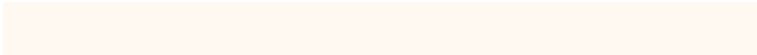
95.4222, 0.3048, 0.3222



95.4222, 0.3106, 0.3217

Sweetspot

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



95.4263, 0.3207, 0.3358



98.1936, 0.3158, 0.3316



91.5317, 0.3175, 0.3232



21.0365, 0.3156, 0.3315



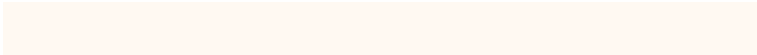
0.0000, 0.0000, 0.0000



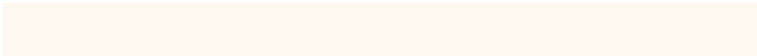
21.4041, 0.3127, 0.3290

Same Dimension

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



95.4263, 0.3207, 0.3358



94.6609, 0.3222, 0.3370



99.0792, 0.3200, 0.3415



20.1400, 0.3233, 0.3379



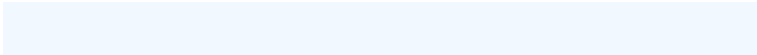
20.9292, 0.5288, 0.4183



2.2564, 0.5129, 0.4309

Inverse Universe

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



93.1889, 0.3049, 0.3221



92.0383, 0.3035, 0.3208



89.6681, 0.3053, 0.3162



19.5203, 0.3024, 0.3199



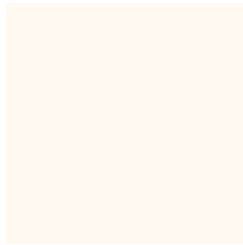
10.6946, 0.1733, 0.1437



1.2567, 0.1793, 0.1653

Previews

White Background



This preview shows how the Yxy color 95.4222, 0.3207, 0.3358 looks on a white background.

Color Contrast Check

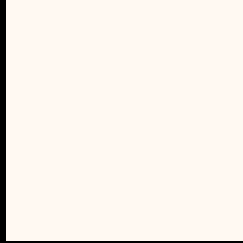
Large Text (above 18pt) WCAG AA × Fail

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 95.4222, 0.3207, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

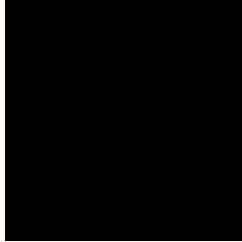
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.4222, 0.3207, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 95.4222, 0.3207, 0.3358.



This preview shows how white text looks on a background with the Yxy color 95.4222, 0.3207, 0.3358.

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

95.4222, 0.3207, 0.3358

Protanopia

95.4824, 0.3201, 0.3348

Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.2374, 0.3118, 0.3223

Trichromacy

A vertical bar with a color gradient from light orange at the top to light pink at the bottom.

Original Color

95.4222, 0.3207, 0.3358

Protanomaly

95.4824, 0.3201, 0.3348

Deuteranomaly

95.0486, 0.3184, 0.3309

Tritanomaly

95.1078, 0.3154, 0.3271

Monochromacy

A vertical bar with a color gradient from light orange at the top to light yellow at the bottom.

Original Color

95.4222, 0.3207, 0.3358

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.7821, 0.3157, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4222, 0.3207, 0.3358 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 $rgb(255, 249, 242)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 242) }
```

Border

The CSS property to change the border of an element to Yxy 95.4222, 0.3207, 0.3358 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, 242) }
```

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

```
.border{ border-color:rgb(255, 249, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4222, 0.3207, 0.3358 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
249, 242) }
```

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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