

Converting Colors

$Yxy(92.5538, 0.3210, 0.3449)$

Have a look what the booklet for
Yxy(92.5538, 0.3210, 0.3449)
contains.

| | |
|---|----|
| Yxy(92.5538, 0.3210, 0.3449) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(92.5538, 0.3210, 0.3449)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F6F8E8 |
| RGB | 246, 248, 232 |
| RGB Percent | 96%, 97%, 91% |
| CMY | 0.0352, 0.0274, 0.0903 |
| CMYK | 0.01, 0.00, 0.06, 0.03 |
| HSL | 67°, 53%, 94% |
| HSV | 67°, 6%, 97% |
| XYZ | 86.1402, 92.5538, 89.6556 |
| YIQ | 245.5780, 3.9440, -5.4000 |

Conversions

Conversions Part 2

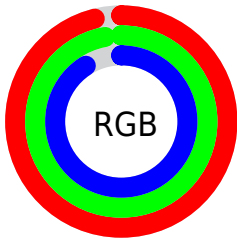
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 232, 248, 234 |
| Decimal | 16185576 |
| CIE Lab | 97.05, -3.40, 7.45 |
| CIE LCh | 97, 8.190, 114.540 |
| Yxy | 92.5538, 0.3210, 0.3449 |
| Android (android.graphics.Color) | 4294375656 (0xFFFF6F8E8) |
| YUV | 245.5780, -6.6940, 0.3701 |
| Hunter-Lab | 96.2049, -8.5326, 12.0897 |

Details

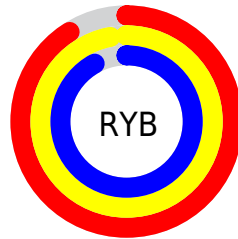
The Yxy color **92.5538, 0.3210, 0.3449** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.9701, 0.3041, 0.3127**, and the grayscale version is **91.8563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7810, 0.3233, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **90.6940, 0.3341, 0.3704**, and if you desaturate by 10%, it is **94.5143, 0.3093, 0.3222**.

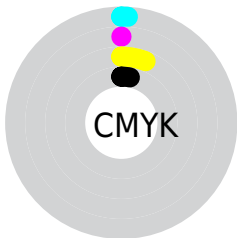
Distribution



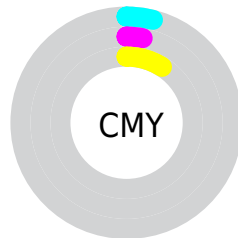
- Red (96%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)





- Cyan (4%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5538, 0.3210, 0.3449 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 92.5538, 0.3210, 0.3449 by changing the saturation by 10% instead.


 92.5538, 0.3210,
0.3449

 92.5538, 0.3210,
0.3449

536.3037, 0.3174,
0.3378

 70.1007, 0.3218,
0.3465

150.8807, 0.3198,
0.3425

 51.6086, 0.3228,
0.3484


187.5233, 0.3193,
0.3415

 36.6932, 0.3239,
0.3507


229.6645, 0.3189,
0.3407

 24.9700, 0.3255,
0.3538

277.6888, 0.3185,
0.3400

 16.0547, 0.3274,
0.3578

331.9804, 0.3181,
0.3393

 9.5629, 0.3301,
0.3633

392.9238, 0.3179,

 5.1101, 0.3340,

0.3388

0.3715

460.9035, 0.3176,
0.3383

■ 2.3120, 0.3401,
0.3847

■ 0.7801, 0.3726,
0.4415

■ 92.5538, 0.3210,
0.3449

■ 92.5538, 0.3210,
0.3449

■ 90.6940, 0.3341,
0.3704

■ 94.5143, 0.3093,
0.3222

■ 89.0300, 0.3471,
0.3966

■ 95.0853, 0.3112,
0.3223

■ 87.5568, 0.3597,
0.4225

■ 95.6171, 0.3130,
0.3223

■ 86.2649, 0.3713,
0.4473

■ 85.1438, 0.3813,
0.4698

■ 84.1818, 0.3892,
0.4891

■ 83.3658, 0.3946,
0.5043

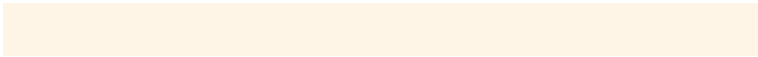
■ 82.6804, 0.3973,
0.5150

■ 82.1064, 0.3975,
0.5212

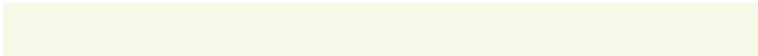
Harmonies

Analogous

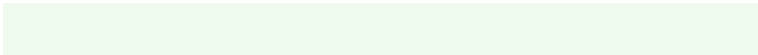
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5538, 0.3279, 0.3433



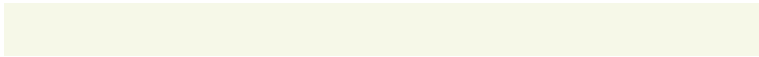
92.5538, 0.3210, 0.3449



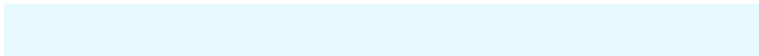
92.5538, 0.3120, 0.3421

Triad

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



92.5538, 0.3210, 0.3449



92.5538, 0.2951, 0.3198



92.5538, 0.3222, 0.3225

Complementary

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



92.5538, 0.3210, 0.3449



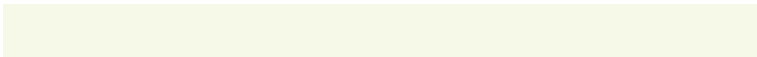
81.9701, 0.3041, 0.3127

Split Complementary

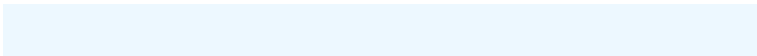
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5538, 0.3133, 0.3164



92.5538, 0.3210, 0.3449



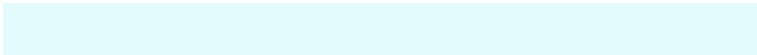
92.5538, 0.2977, 0.3147

Square

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



92.5538, 0.3210, 0.3449



92.5538, 0.2971, 0.3274



92.5538, 0.3043, 0.3136



92.5538, 0.3286, 0.3303

Rectangle

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



92.5538, 0.3210, 0.3449



92.5538, 0.3060, 0.3381



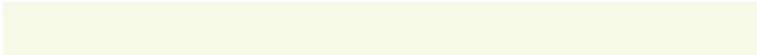
92.5538, 0.3043, 0.3136



92.5538, 0.3194, 0.3202

Sweetspot

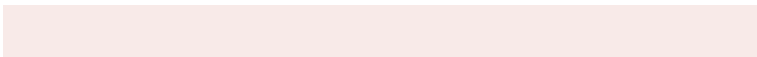
The Sweet Spot groups the original color and five complimentary colors.



92.5578, 0.3210, 0.3449



99.5559, 0.3153, 0.3339



84.5447, 0.3235, 0.3309



21.3137, 0.3151, 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.



92.5578, 0.3210, 0.3449



98.2776, 0.3230, 0.3488



91.1613, 0.3159, 0.3451



20.0750, 0.3250, 0.3526



44.2936, 0.3976, 0.5225



4.1321, 0.4003, 0.5203

Inverse Universe

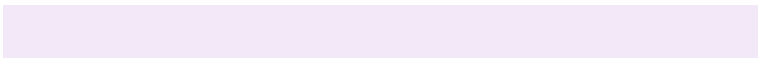
The Inverse Universe completely reimagines the original color for something new.



81.9701, 0.3041, 0.3127



84.4355, 0.3020, 0.3086



83.3351, 0.3094, 0.3130



16.7463, 0.2998, 0.3046



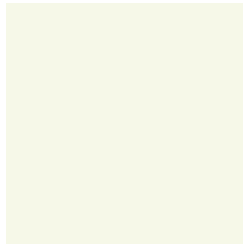
3.8485, 0.1545, 0.0625



0.3881, 0.1626, 0.0669

Previews

White Background



This preview shows how the Yxy color 92.5538, 0.3210, 0.3449 looks on a white background.

Color Contrast Check

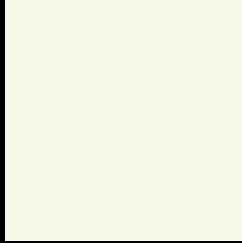
Large Text (above 18pt) WCAG AA × Fail

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 92.5538, 0.3210, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

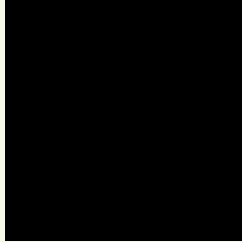
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

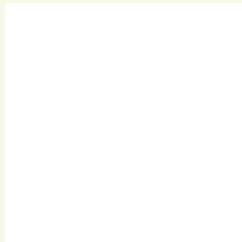
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5538, 0.3210, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 92.5538, 0.3210, 0.3449.

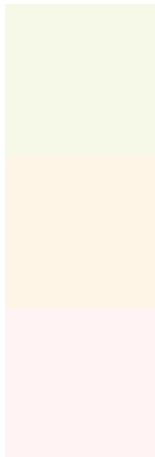


This preview shows how white text looks on a background with the Yxy color 92.5538, 0.3210, 0.3449.

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

92.5538, 0.3210, 0.3449

Protanopia

92.1452, 0.3271, 0.3427

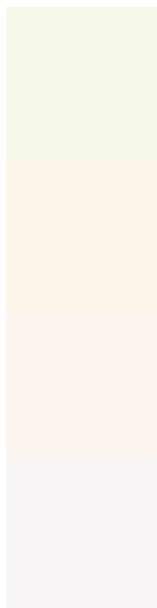
Deuteranopia

92.4324, 0.3205, 0.3300

Tritanopia

92.6646, 0.3093, 0.3193

Trichromacy



Original Color

92.5538, 0.3210, 0.3449

Protanomaly

92.1903, 0.3250, 0.3438

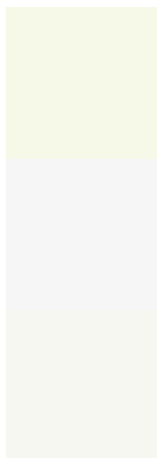
Deuteranomaly

92.2323, 0.3209, 0.3349

Tritanomaly

92.5834, 0.3134, 0.3280

Monochromacy



Original Color

92.5538, 0.3210, 0.3449

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4652, 0.3156, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5538, 0.3210, 0.3449 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(246, 248, 232)` looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 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(246, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 232) }
```

Border

The CSS property to change the border of an element to Yxy 92.5538, 0.3210, 0.3449 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(246, 248, 232) }
```

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

```
.border{ border-color:rgb(246, 248, 232) }
```

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

Here you see how a box with a 4 pixel rgb(246, 248, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 248, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 248, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 248,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5538, 0.3210, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 232) }
```

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

```
.background{ background-color: rgb(246,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor