

Converting Colors

$Yxy(89.8846, 0.3279, 0.3542)$

Have a look what the booklet for
Yxy(89.8846, 0.3279, 0.3542)
contains.

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Color

Yxy(89.8846, 0.3279, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5DC
RGB	245, 245, 220
RGB Percent	96%, 96%, 86%
CMY	0.0395, 0.0391, 0.1373
CMYK	0.00, 0.00, 0.10, 0.04
HSL	60°, 56%, 91%
HSV	60°, 10%, 96%
XYZ	83.2105, 89.8846, 80.6728
YIQ	242.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

Format	Color
R _Y B	220, 245, 220
Decimal	16119260
CIE Lab	95.95, -4.22, 12.04
CIE LCh	96, 12.758, 109.317
Yxy	89.8846, 0.3279, 0.3542
Android (android.graphics.Color)	4294309340 (0xFFFF5F5DC)
YUV	242.1500, -10.9200, 2.4994
Hunter-Lab	94.8075, -9.2475, 15.9147

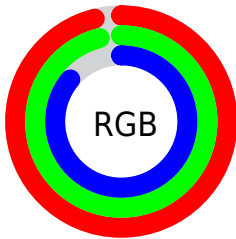
Details

The Yxy color $89.8846, 0.3279, 0.3542$ is a light color, and the websafe version is hex `FFFFCC`, and the color name is [beige](#). A complement of this color would be $73.0098, 0.2967, 0.3025$, and the grayscale version is $88.9974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.9306, 0.3314, 0.3599$ is the 20% darker color. If you saturate the color by 10%, you get $88.6687, 0.3431, 0.3795$, and if you desaturate by 10%, it is $91.2986, 0.3130, 0.3295$.

Beige is a yellowish-gray color, and it is the color of natural wool.

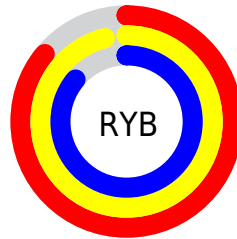
Distribution



Red (96%)

Green (96%)

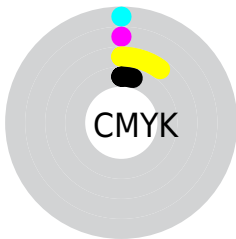
Blue (86%)



Red (86%)

Yellow (96%)

Blue (86%)

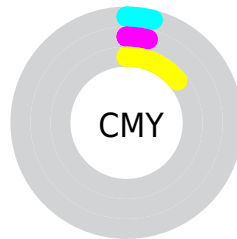


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (4%)



Cyan (4%)


Magenta (4%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8846, 0.3279, 0.3542 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 89.8846, 0.3279, 0.3542 by changing the saturation by 10% instead.


 89.8846, 0.3279,
0.3542

 89.8846, 0.3279,
0.3542

527.6554, 0.3212,
0.3429

 67.8849, 0.3294,
0.3567


147.1781, 0.3256,
0.3503

 49.8041, 0.3311,
0.3598

183.2407, 0.3247,
0.3488

 35.2578, 0.3333,
0.3636


224.7598, 0.3239,
0.3475

 23.8615, 0.3361,
0.3685

272.1196, 0.3233,
0.3463

 15.2309, 0.3398,
0.3750

325.7047, 0.3226,
0.3453

 8.9816, 0.3448,
0.3840

385.8995, 0.3221,

 4.7292, 0.3519,

0.3444

0.3975

453.0882, 0.3216,
0.3436

■ 2.0893, 0.3629,
0.4192

■ 0.6586, 0.4426,
0.5574

■ 89.8846, 0.3279,
0.3542

■ 89.8846, 0.3279,
0.3542

■ 88.6687, 0.3431,
0.3795

■ 91.2986, 0.3130,
0.3295

■ 87.6310, 0.3583,
0.4046


■ 91.9716, 0.3069,
0.3193

■ 86.7664, 0.3728,
0.4288


■ 91.9868, 0.3069,
0.3193

■ 86.0655, 0.3860,
0.4509


■ 92.0020, 0.3070,
0.3193

 85.5176, 0.3975,
0.4700


 92.0172, 0.3070,
0.3193

 85.1111, 0.4066,
0.4852


 92.0324, 0.3071,
0.3193


 84.8326, 0.4131,
0.4962

 92.0476, 0.3071,
0.3193

 84.6659, 0.4170,
0.5028

 92.0628, 0.3072,
0.3193

 84.5852, 0.4187,
0.5057

 92.0781, 0.3072,
0.3193

Harmonies

Analogous

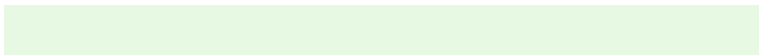
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8846, 0.3379, 0.3503



89.8846, 0.3279, 0.3542



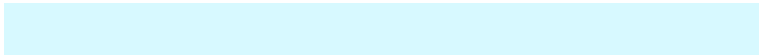
89.8846, 0.3140, 0.3511

Triad

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



89.8846, 0.3279, 0.3542



89.8846, 0.2852, 0.3161



89.8846, 0.3253, 0.3169

Complementary

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



89.8846, 0.3279, 0.3542



73.0098, 0.2967, 0.3025

Split Complementary

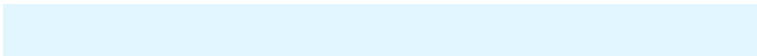
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8846, 0.3109, 0.3082



89.8846, 0.3279, 0.3542



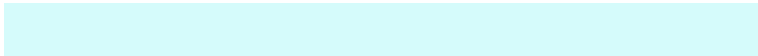
89.8846, 0.2880, 0.3075

Square

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



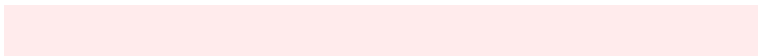
89.8846, 0.3279, 0.3542



89.8846, 0.2896, 0.3286



89.8846, 0.2973, 0.3048



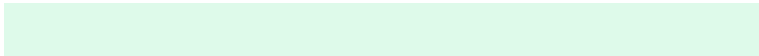
89.8846, 0.3364, 0.3287

Rectangle

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



89.8846, 0.3279, 0.3542



89.8846, 0.3044, 0.3453



89.8846, 0.2973, 0.3048



89.8846, 0.3207, 0.3135

Sweetspot

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



89.8885, 0.3279, 0.3542



99.5120, 0.3171, 0.3363



75.7708, 0.3308, 0.3291



21.2725, 0.3183, 0.3383



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.



89.8885, 0.3279, 0.3542



98.1636, 0.3306, 0.3588



87.7288, 0.3196, 0.3548



19.3105, 0.3268, 0.3524



45.5587, 0.4187, 0.5057



4.0051, 0.4188, 0.5057

Inverse Universe

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



73.0098, 0.2967, 0.3025



76.6747, 0.2937, 0.2974



75.0223, 0.3052, 0.3032



15.9295, 0.2980, 0.3045



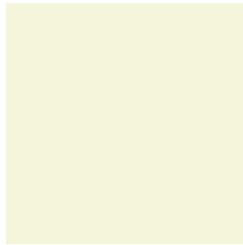
3.5557, 0.1501, 0.0601



0.3135, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 89.8846, 0.3279, 0.3542 looks on a white background.

Color Contrast Check

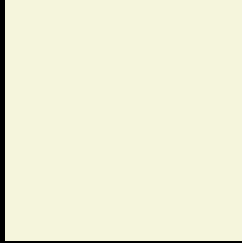
Large Text (above 18pt) WCAG AA × Fail

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 89.8846, 0.3279, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

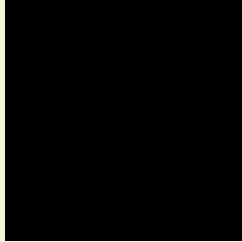
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

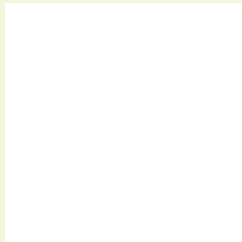
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.8846, 0.3279, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 89.8846, 0.3279, 0.3542.

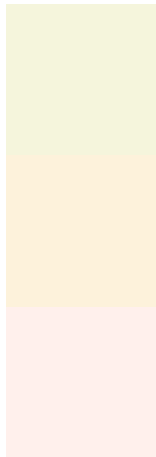


This preview shows how white text looks on a background with the Yxy color 89.8846, 0.3279, 0.3542.

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

89.8846, 0.3279, 0.3542

Protanopia

89.5014, 0.3344, 0.3519

Deuteranopia

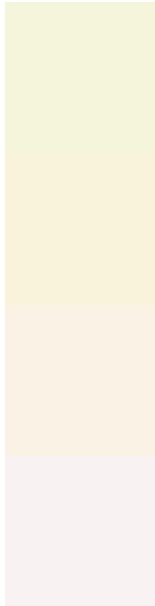
89.6363, 0.3252, 0.3329



Tritanopia

89.6799, 0.3095, 0.3144

Trichromacy



Original Color

89.8846, 0.3279, 0.3542

Protanomaly

89.5397, 0.3322, 0.3530

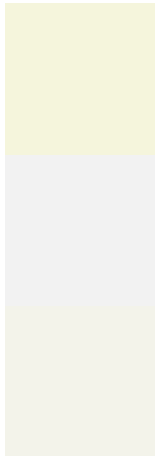
Deuteranomaly

89.7267, 0.3261, 0.3409

Tritanomaly

89.8715, 0.3166, 0.3290

Monochromacy



Original Color

89.8846, 0.3279, 0.3542

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.0964, 0.3182, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8846, 0.3279, 0.3542 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(245, 245, 220)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 220)  
}
```

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(245, 245, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 220) }
```

Border

The CSS property to change the border of an element to Yxy 89.8846, 0.3279, 0.3542 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(245, 245, 220) }
```

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

```
.border{ border-color:rgb(245, 245, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 245, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 220);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8846, 0.3279, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 220) }
```

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

```
.background{ background-color: rgb(245,  
245, 220) }
```

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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