

Converting Colors

$Yxy(86.2825, 0.3270, 0.3491)$

Have a look what the booklet for
Yxy(86.2825, 0.3270, 0.3491)
contains.

Yxy(86.5422, 0.3271, 0.3493)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(86.5422, 0.3271, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	F3F0DC
RGB	243, 240, 220
RGB Percent	95%, 94%, 86%
CMY	0.0471, 0.0588, 0.1371
CMYK	0.00, 0.01, 0.09, 0.05
HSL	52°, 49%, 91%
HSV	52°, 9%, 95%
XYZ	81.0420, 86.5422, 80.1748
YIQ	238.6170, 8.2080, -5.5840

Conversions

Conversions Part 2

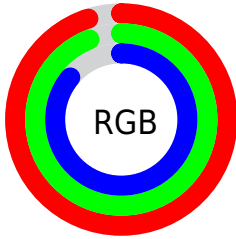
Format	Color
R_{YB}	223, 243, 220
Decimal	15986908
CIE Lab	94.54, -2.36, 9.99
CIE LCh	95, 10.264, 103.266
Yxy	86.5422, 0.3271, 0.3493
Android (android.graphics.Color)	4294176988 (0xFFFF3F0DC)
YUV	238.6170, -9.1782, 3.8439
Hunter-Lab	93.0281, -7.2978, 14.0215

Details

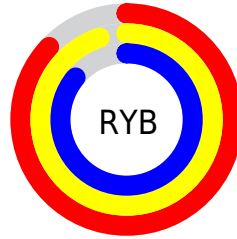
The Yxy color **86.5422, 0.3271, 0.3493** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.4844, 0.2980, 0.3079**, and the grayscale version is **86.0744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5624, 0.3305, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **83.5067, 0.3432, 0.3715**, and if you desaturate by 10%, it is **89.8048, 0.3119, 0.3278**.

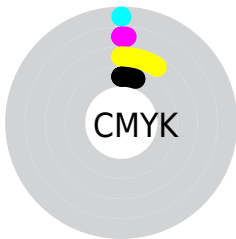
Distribution



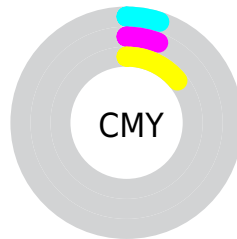
- Red (95%)
- Green (94%)
- Blue (86%)



- Red (87%)
- Yellow (95%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.5422, 0.3271, 0.3493 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 86.5422, 0.3271, 0.3493 by changing the saturation by 10% instead.

86.5422, 0.3271,
0.3493

86.5422, 0.3271,
0.3493

516.7174, 0.3207,
0.3402

65.1164, 0.3285,
0.3513

142.5259, 0.3249,
0.3462

47.5555, 0.3302,
0.3538

177.8526, 0.3240,
0.3449

33.4750, 0.3324,
0.3569

218.5817, 0.3233,
0.3439

22.4906, 0.3352,
0.3609

265.0976, 0.3226,
0.3429

14.2178, 0.3388,
0.3663

317.7847, 0.3221,
0.3421

8.2723, 0.3438,
0.3737

377.0275, 0.3215,

4.2697, 0.3512,

0.3414

0.3849

443.2102, 0.3211,
0.3407

■ 1.8255, 0.3631,
0.4033

■ 0.5030, 0.4554,
0.5446

■ 86.5422, 0.3271,
0.3493

■ 86.5422, 0.3271,
0.3493

■ 83.5067, 0.3432,
0.3715

■ 89.8048, 0.3119,
0.3278

■ 80.6786, 0.3598,
0.3939

■ 92.3806, 0.3055,
0.3205

■ 78.0532, 0.3765,
0.4158

■ 94.3218, 0.3055,
0.3236

■ 75.6208, 0.3927,
0.4361

■ 96.2959, 0.3054,
0.3267

■ 73.3710, 0.4077,
0.4539

■ 97.7925, 0.3053,
0.3290

■ 71.2923, 0.4208,
0.4682

■ 69.3716, 0.4314,
0.4782

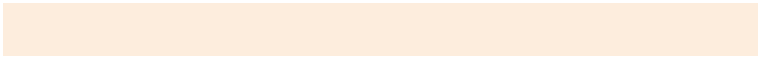
■ 67.5932, 0.4392,
0.4837

■ 65.9325, 0.4444,
0.4851

Harmonies

Analogous

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



86.5422, 0.3342, 0.3452



86.5422, 0.3271, 0.3493



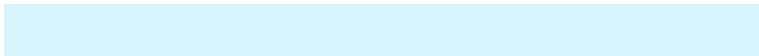
86.5422, 0.3162, 0.3479

Triad

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



86.5422, 0.3271, 0.3493



86.5422, 0.2905, 0.3205



86.5422, 0.3207, 0.3174

Complementary

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



86.5422, 0.3271, 0.3493



74.4844, 0.2980, 0.3079

Split Complementary

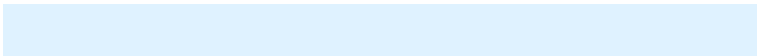
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5422, 0.3089, 0.3110



86.5422, 0.3271, 0.3493



86.5422, 0.2916, 0.3126

Square

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



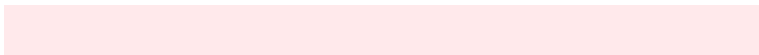
86.5422, 0.3271, 0.3493



86.5422, 0.2952, 0.3309



86.5422, 0.2983, 0.3092



86.5422, 0.3305, 0.3267

Rectangle

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



86.5422, 0.3271, 0.3493



86.5422, 0.3083, 0.3438



86.5422, 0.2983, 0.3092



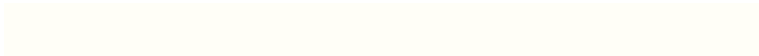
86.5422, 0.3168, 0.3148

Sweetspot

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



86.5460, 0.3271, 0.3493



98.8842, 0.3172, 0.3354



75.5973, 0.3272, 0.3259



21.1023, 0.3184, 0.3371



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.



86.5460, 0.3271, 0.3493



96.0190, 0.3296, 0.3528



86.8538, 0.3211, 0.3527



18.9245, 0.3272, 0.3494



36.2821, 0.4442, 0.4855



3.2891, 0.4406, 0.4883

Inverse Universe

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



74.4844, 0.2980, 0.3079



80.4687, 0.2954, 0.3040



74.2508, 0.3037, 0.3051



16.2738, 0.2979, 0.3077



4.2130, 0.1528, 0.0699



0.4776, 0.1576, 0.0872

Previews

White Background



This preview shows how the Yxy color 86.5422, 0.3271, 0.3493 looks on a white background.

Color Contrast Check

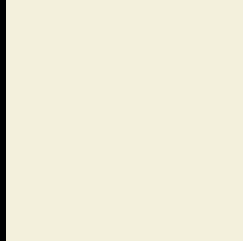
Large Text (above 18pt) WCAG AA × Fail

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 86.5422, 0.3271, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

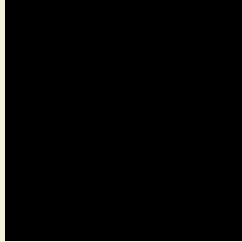
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

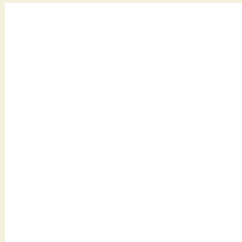
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.5422, 0.3271, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 86.5422, 0.3271, 0.3493.

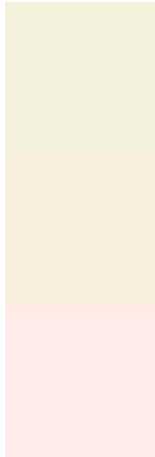


This preview shows how white text looks on a background with the Yxy color 86.5422, 0.3271, 0.3493.

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

86.5422, 0.3271, 0.3493

Protanopia

86.2200, 0.3314, 0.3482

Deuteranopia

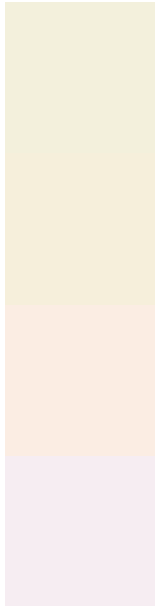
86.4462, 0.3289, 0.3330



Tritanopia

86.5289, 0.3096, 0.3104

Trichromacy



Original Color

86.5422, 0.3271, 0.3493

Protanomaly

86.4403, 0.3299, 0.3493

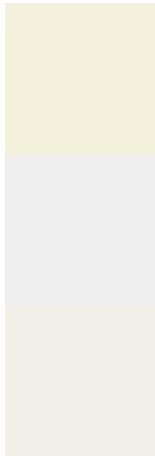
Deuteranomaly

86.6237, 0.3285, 0.3390

Tritanomaly

86.5720, 0.3156, 0.3240

Monochromacy



Original Color

86.5422, 0.3271, 0.3493

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.0845, 0.3177, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5422, 0.3271, 0.3493 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(243, 240, 220)` looks like.

```
.text, #text, p{  
    color:rgb(243, 240, 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(243, 240, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 240, 220) }
```

Border

The CSS property to change the border of an element to Yxy 86.5422, 0.3271, 0.3493 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(243, 240, 220) }
```

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

```
.border{ border-color:rgb(243, 240, 220) }
```

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

Here you see how a box with a 4 pixel rgb(243, 240, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 240, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 240, 220);  
box-shadow:4px 4px 4px 4px rgb(243, 240,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5422, 0.3271, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 240, 220) }
```

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

```
.background{ background-color: rgb(243,  
240, 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](#).

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