

Converting Colors

$Yxy(88.8705, 0.3273, 0.3543)$

Have a look what the booklet for
Yxy(88.8705, 0.3273, 0.3543)
contains.

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Color

Yxy(88.8705, 0.3273, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	F3F4DB
RGB	243, 244, 219
RGB Percent	95%, 96%, 86%
CMY	0.0471, 0.0431, 0.1410
CMYK	0.00, 0.00, 0.10, 0.04
HSL	62°, 53%, 91%
HSV	62°, 10%, 96%
XYZ	82.0980, 88.8705, 79.8656
YIQ	240.8510, 7.4290, -7.9870

Conversions

Conversions Part 2

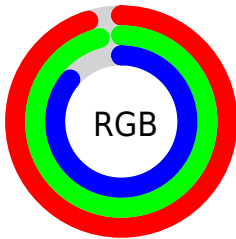
Format	Color
R_{YB}	219, 244, 220
Decimal	15987931
CIE Lab	95.53, -4.54, 11.92
CIE LCh	96, 12.753, 110.856
Yxy	88.8705, 0.3273, 0.3543
Android (android.graphics.Color)	4294178011 (0xFFF3F4DB)
YUV	240.8510, -10.7725, 1.8847
Hunter-Lab	94.2712, -9.5241, 15.7599

Details

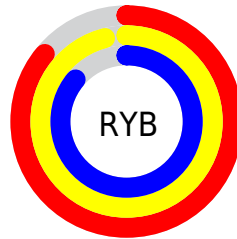
The Yxy color **88.8705, 0.3273, 0.3543** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.4364, 0.2973, 0.3025**, and the grayscale version is **87.9239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.2116, 0.3307, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **87.5043, 0.3419, 0.3797**, and if you desaturate by 10%, it is **90.4339, 0.3130, 0.3296**.

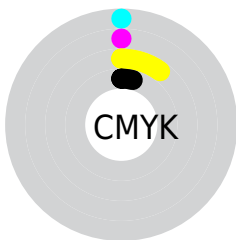
Distribution



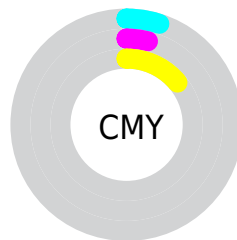
- Red (95%)
- Green (96%)
- Blue (86%)



- Red (86%)
- Yellow (96%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)




- Cyan (5%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8705, 0.3273, 0.3543 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 88.8705, 0.3273, 0.3543 by changing the saturation by 10% instead.


 88.8705, 0.3273,
0.3543

 88.8705, 0.3273,
0.3543


524.3497, 0.3208,
0.3429

 67.0442, 0.3287,
0.3568

145.7685, 0.3251,
0.3504

 49.1206, 0.3304,
0.3599


181.6090, 0.3242,
0.3489

 34.7151, 0.3325,
0.3638


222.8896, 0.3235,
0.3475

 23.4435, 0.3352,
0.3688

269.9949, 0.3228,
0.3464

 14.9213, 0.3388,
0.3754

323.3092, 0.3222,
0.3454

 8.7642, 0.3436,
0.3846

383.2168, 0.3217,

 4.5877, 0.3505,

0.3445

0.3983

450.1022, 0.3213,
0.3436

■ 2.0074, 0.3612,
0.4208

■ 0.6118, 0.4348,
0.5652

■ 88.8705, 0.3273,
0.3543

■ 88.8705, 0.3273,
0.3543

■ 87.5043, 0.3419,
0.3797

■ 90.4339, 0.3130,
0.3296

■ 86.3153, 0.3563,
0.4052

■ 91.3360, 0.3068,
0.3183


■ 85.2989, 0.3701,
0.4298


■ 91.5163, 0.3075,
0.3183


■ 84.4453, 0.3827,
0.4525


■ 91.6976, 0.3081,
0.3183

 83.7443, 0.3935,
0.4723


 91.8799, 0.3087,
0.3183

 83.1842, 0.4019,
0.4884


 92.0632, 0.3094,
0.3183


 82.7518, 0.4078,
0.5001

 92.2474, 0.3100,
0.3184

 82.4310, 0.4110,
0.5074

 92.4327, 0.3106,
0.3184

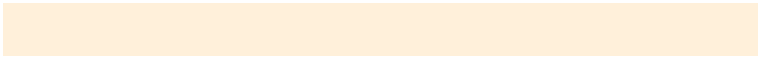
 82.2000, 0.4121,
0.5110

 92.6189, 0.3113,
0.3184

Harmonies

Analogous

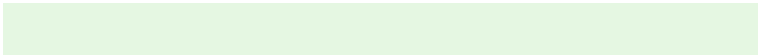
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8705, 0.3376, 0.3507



88.8705, 0.3273, 0.3543



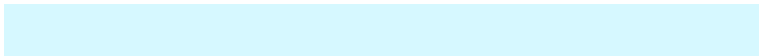
88.8705, 0.3133, 0.3508

Triad

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



88.8705, 0.3273, 0.3543



88.8705, 0.2851, 0.3155



88.8705, 0.3260, 0.3174

Complementary

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



88.8705, 0.3273, 0.3543



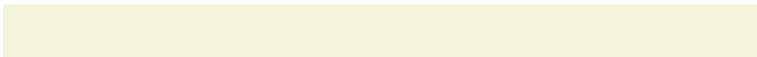
72.4364, 0.2973, 0.3025

Split Complementary

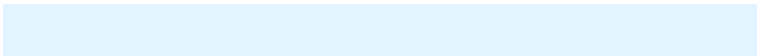
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8705, 0.3117, 0.3085



88.8705, 0.3273, 0.3543



88.8705, 0.2883, 0.3072

Square

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



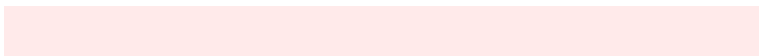
88.8705, 0.3273, 0.3543



88.8705, 0.2891, 0.3279



88.8705, 0.2979, 0.3047



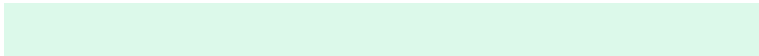
88.8705, 0.3369, 0.3293

Rectangle

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



88.8705, 0.3273, 0.3543



88.8705, 0.3037, 0.3448



88.8705, 0.2979, 0.3047



88.8705, 0.3214, 0.3140

Sweetspot

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



88.8744, 0.3273, 0.3543



99.4576, 0.3169, 0.3363



75.4662, 0.3308, 0.3299



21.2577, 0.3181, 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.



88.8744, 0.3273, 0.3543



97.9465, 0.3299, 0.3588



86.7594, 0.3191, 0.3549



19.2769, 0.3262, 0.3524



44.7078, 0.4122, 0.5109



3.9399, 0.4131, 0.5102

Inverse Universe

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



72.4364, 0.2973, 0.3025



76.8595, 0.2944, 0.2975



74.4270, 0.3058, 0.3032



15.9591, 0.2985, 0.3046



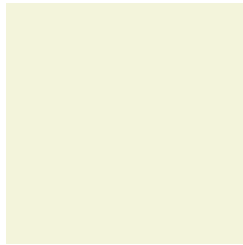
3.6008, 0.1512, 0.0607



0.3277, 0.1544, 0.0624

Previews

White Background



This preview shows how the Yxy color 88.8705, 0.3273, 0.3543 looks on a white background.

Color Contrast Check

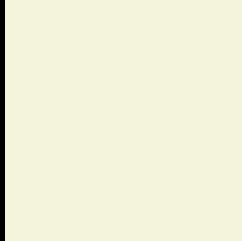
Large Text (above 18pt) WCAG AA × Fail

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 88.8705, 0.3273, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

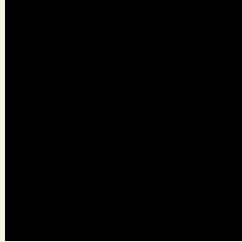
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

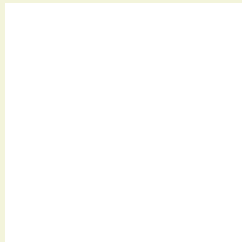
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8705, 0.3273, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 88.8705, 0.3273, 0.3543.

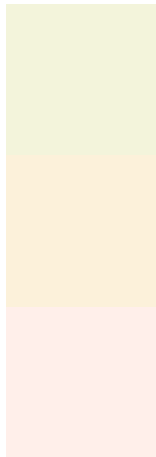


This preview shows how white text looks on a background with the Yxy color 88.8705, 0.3273, 0.3543.

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

88.8705, 0.3273, 0.3543

Protanopia

88.6680, 0.3344, 0.3520

Deuteranopia

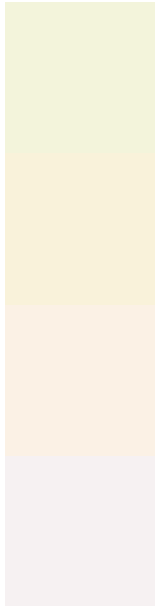
88.9335, 0.3265, 0.3339



Tritanopia

88.9095, 0.3089, 0.3134

Trichromacy



Original Color

88.8705, 0.3273, 0.3543

Protanomaly

88.7060, 0.3323, 0.3531

Deuteranomaly

89.0770, 0.3268, 0.3409

Tritanomaly

88.9142, 0.3154, 0.3280

Monochromacy



Original Color

88.8705, 0.3273, 0.3543

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.2647, 0.3182, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8705, 0.3273, 0.3543 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, 244, 219)` looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 219)  
}
```

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, 244, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 219) }
```

Border

The CSS property to change the border of an element to Yxy 88.8705, 0.3273, 0.3543 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, 244, 219) }
```

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

```
.border{ border-color:rgb(243, 244, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 244, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 219);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8705, 0.3273, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 219) }
```

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

```
.background{ background-color: rgb(243,  
244, 219) }
```

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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