

Converting Colors

$Yxy(88.3910, 0.3271, 0.3565)$

Have a look what the booklet for
Yxy(88.3910, 0.3271, 0.3565)
contains.

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Color

Yxy(88.4119, 0.3272, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	F1F4D9
RGB	241, 244, 217
RGB Percent	95%, 96%, 85%
CMY	0.0550, 0.0431, 0.1490
CMYK	0.01, 0.00, 0.11, 0.04
HSL	67°, 55%, 90%
HSV	67°, 11%, 96%
XYZ	81.1455, 88.4119, 78.4423
YIQ	240.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

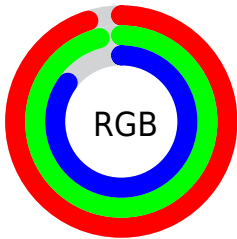
Format	Color
R_{YB}	217, 244, 220
Decimal	15856857
CIE _{Lab}	95.33, -5.56, 12.66
CIE _{LCh}	95, 13.831, 113.706
Yxy	88.4119, 0.3272, 0.3565
Android (android.graphics.Color)	4294046937 (0xFFFF1F4D9)
YUV	240.0250, -11.3513, 0.8551
Hunter-Lab	94.0276, -10.5034, 16.3568

Details

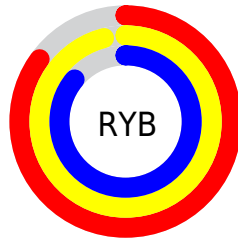
The Yxy color **88.4119, 0.3272, 0.3565** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.3889, 0.2973, 0.3003**, and the grayscale version is **87.2450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8894, 0.3305, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **86.7589, 0.3405, 0.3823**, and if you desaturate by 10%, it is **90.2676, 0.3141, 0.3316**.

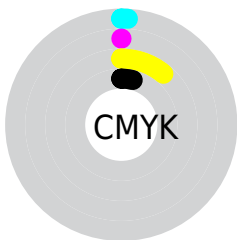
Distribution



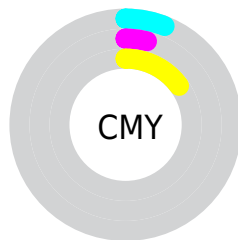
- Red (95%)
- Green (96%)
- Blue (85%)



- Red (85%)
- Yellow (96%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (6%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4119, 0.3272, 0.3565 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 88.4119, 0.3272, 0.3565 by changing the saturation by 10% instead.


 88.4119, 0.3272,
0.3565

 88.4119, 0.3272,
0.3565

522.8512, 0.3208,
0.3441

 66.6642, 0.3286,
0.3593


145.1305, 0.3250,
0.3522

 48.8118, 0.3303,
0.3627


180.8702, 0.3242,
0.3506

 34.4702, 0.3324,
0.3669

222.0427, 0.3234,
0.3491

 23.2551, 0.3350,
0.3723

269.0324, 0.3228,
0.3479

 14.7820, 0.3385,
0.3796

322.2237, 0.3222,
0.3468

 8.6665, 0.3432,
0.3898

382.0010, 0.3217,

 4.5243, 0.3499,

0.3458

0.4049

448.7487, 0.3212,
0.3449

■ 1.9710, 0.3601,
0.4298

■ 0.5905, 0.4188,
0.5812

■ 88.4119, 0.3272,
0.3565

■ 88.4119, 0.3272,
0.3565

■ 86.7589, 0.3405,
0.3823

■ 90.2676, 0.3141,
0.3316

■ 85.2889, 0.3536,
0.4083


■ 91.6058, 0.3078,
0.3183


■ 83.9968, 0.3660,
0.4337

■ 92.1071, 0.3095,
0.3184


■ 82.8731, 0.3772,
0.4574


■ 92.6157, 0.3113,
0.3184


 81.9071, 0.3865,
0.4783

 93.1317, 0.3130,
0.3185

 81.0872, 0.3935,
0.4956

 93.1888, 0.3132,
0.3185

 80.3999, 0.3978,
0.5085

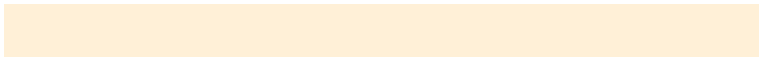
 79.8289, 0.3996,
0.5169

 79.3941, 0.3993,
0.5211

Harmonies

Analogous

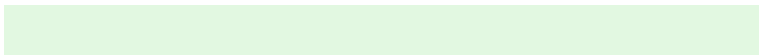
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4119, 0.3390, 0.3533



88.4119, 0.3272, 0.3565



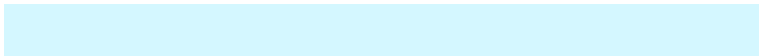
88.4119, 0.3118, 0.3520

Triad

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



88.4119, 0.3272, 0.3565



88.4119, 0.2827, 0.3132



88.4119, 0.3285, 0.3175

Complementary

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



88.4119, 0.3272, 0.3565



71.3889, 0.2973, 0.3003

Split Complementary

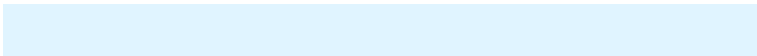
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4119, 0.3131, 0.3075



88.4119, 0.3272, 0.3565



88.4119, 0.2869, 0.3047

Square

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



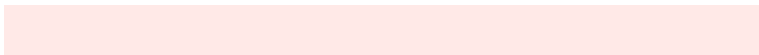
88.4119, 0.3272, 0.3565



88.4119, 0.2863, 0.3264



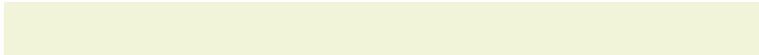
88.4119, 0.2979, 0.3028



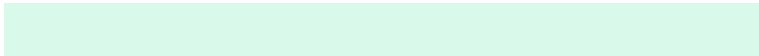
88.4119, 0.3398, 0.3306

Rectangle

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



88.4119, 0.3272, 0.3565



88.4119, 0.3015, 0.3451



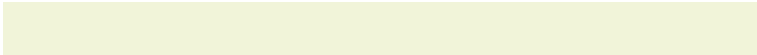
88.4119, 0.2979, 0.3028



88.4119, 0.3236, 0.3137

Sweetspot

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



88.4158, 0.3272, 0.3565



99.3542, 0.3166, 0.3363



75.2821, 0.3322, 0.3319



21.2297, 0.3176, 0.3383



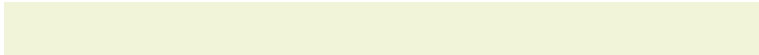
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

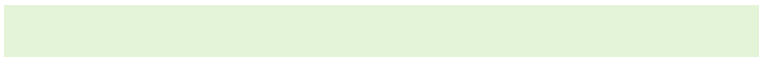
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4158, 0.3272, 0.3565



97.3455, 0.3298, 0.3615



86.1828, 0.3184, 0.3572



19.2134, 0.3251, 0.3525



43.2031, 0.3997, 0.5209



3.8235, 0.4023, 0.5188

Inverse Universe

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



71.3889, 0.2973, 0.3003



75.4836, 0.2943, 0.2948



73.5249, 0.3064, 0.3011



16.0159, 0.2997, 0.3046



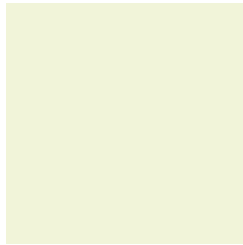
3.7103, 0.1540, 0.0622



0.3547, 0.1619, 0.0665

Previews

White Background



This preview shows how the Yxy color 88.4119, 0.3272, 0.3565 looks on a white background.

Color Contrast Check

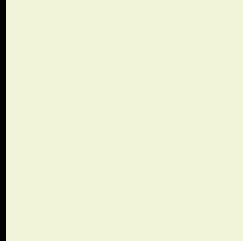
Large Text (above 18pt) WCAG AA × Fail

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 88.4119, 0.3272, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

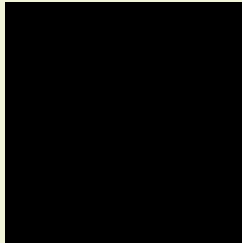
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

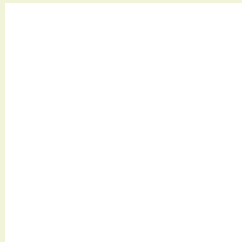
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4119, 0.3272, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 88.4119, 0.3272, 0.3565.

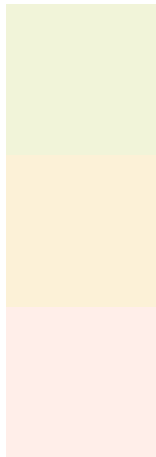


This preview shows how white text looks on a background with the Yxy color 88.4119, 0.3272, 0.3565.

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

88.4119, 0.3272, 0.3565

Protanopia

88.5123, 0.3364, 0.3550

Deuteranopia

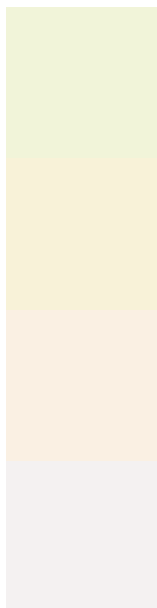
88.2923, 0.3273, 0.3340



Tritanopia

88.5458, 0.3076, 0.3133

Trichromacy



Original Color

88.4119, 0.3272, 0.3565

Protanomaly

88.4186, 0.3328, 0.3552

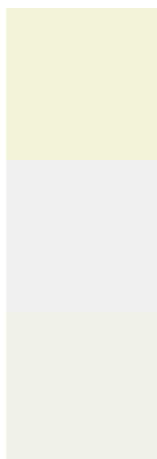
Deuteranomaly

88.1902, 0.3275, 0.3420

Tritanomaly

88.4946, 0.3147, 0.3290

Monochromacy



Original Color

88.4119, 0.3272, 0.3565

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.2621, 0.3176, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4119, 0.3272, 0.3565 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(241, 244, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 217)  
}
```

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(241, 244, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 217) }
```

Border

The CSS property to change the border of an element to Yxy 88.4119, 0.3272, 0.3565 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(241, 244, 217) }
```

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

```
.border{ border-color:rgb(241, 244, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 244, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4119, 0.3272, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 244, 217) }
```

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

```
.background{ background-color: rgb(241,  
244, 217) }
```

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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