

Converting Colors

$Yxy(88.3082, 0.3296, 0.3525)$

Have a look what the booklet for
Yxy(88.3082, 0.3296, 0.3525)
contains.

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Color

Yxy(88.2116, 0.3296, 0.3522)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F6F2DB |
| RGB | 246, 242, 219 |
| RGB Percent | 96%, 95%, 86% |
| CMY | 0.0352, 0.0510, 0.1412 |
| CMYK | 0.00, 0.02, 0.11, 0.04 |
| HSL | 51°, 60%, 91% |
| HSV | 51°, 11%, 96% |
| XYZ | 82.5512, 88.2116, 79.6960 |
| YIQ | 240.5740, 9.7670, -6.3050 |

Conversions

Conversions Part 2

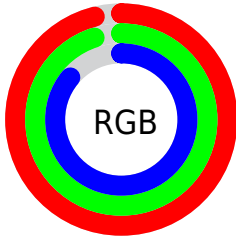
| Format | Color |
|--|--|
| RYB | 224, 246, 219 |
| Decimal | 16184027 |
| CIELab | 95.25, -2.47, 11.57 |
| CIELCh | 95, 11.830, 102.073 |
| Yxy | 88.2116, 0.3296, 0.3522 |
| Android (android.graphics.Color) | 4294374107 (0xFFFF6F2DB) |
| YUV | 240.5740, -10.6360, 4.7586 |
| Hunter-Lab | 93.9210, -7.4705, 15.4346 |

Details

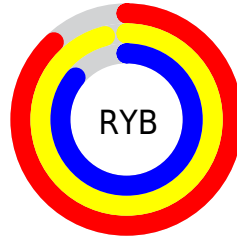
The Yxy color **88.2116, 0.3296, 0.3522** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.5094, 0.2954, 0.3047**, and the grayscale version is **87.6954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7453, 0.3336, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **84.8526, 0.3459, 0.3741**, and if you desaturate by 10%, it is **91.8136, 0.3142, 0.3310**.

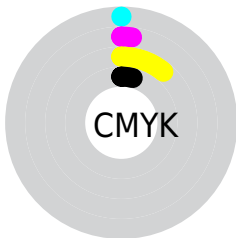
Distribution



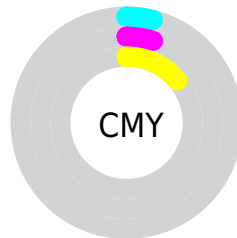
- Red (96%)
- Green (95%)
- Blue (86%)



- Red (88%)
- Yellow (96%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2116, 0.3296, 0.3522 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 88.2116, 0.3296, 0.3522 by changing the saturation by 10% instead.

88.2116, 0.3296,
0.3522

88.2116, 0.3296,
0.3522

522.1959, 0.3221,
0.3418

66.4983, 0.3313,
0.3545

144.8517, 0.3270,
0.3486

48.6770, 0.3333,
0.3573

180.5473, 0.3260,
0.3472

34.3634, 0.3358,
0.3609

221.6725, 0.3252,
0.3460

23.1729, 0.3389,
0.3654

268.6117, 0.3244,
0.3450

14.7212, 0.3431,
0.3714

321.7492, 0.3237,
0.3440

8.6240, 0.3489,
0.3797

381.4695, 0.3231,

4.4967, 0.3573,

0.3432

0.3921

448.1570, 0.3226,
0.3424

■ 1.9551, 0.3705,
0.4121

■ 0.5812, 0.4584,
0.5416

■ 88.2116, 0.3296,
0.3522

■ 88.2116, 0.3296,
0.3522

■ 84.8526, 0.3459,
0.3741

■ 91.8136, 0.3142,
0.3310

■ 81.7165, 0.3628,
0.3960

■ 94.7748, 0.3073,
0.3235

■ 78.7977, 0.3798,
0.4173

■ 97.0681, 0.3072,
0.3271

■ 76.0864, 0.3963,
0.4370

■ 98.3375, 0.3072,
0.3290

■ 73.5715, 0.4116,
0.4541

■ 71.2409, 0.4250,
0.4676

■ 69.0805, 0.4359,
0.4767

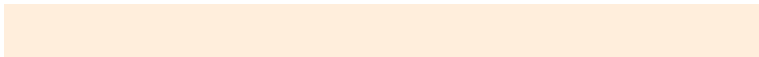
■ 67.0737, 0.4438,
0.4812

■ 65.3718, 0.4489,
0.4818

Harmonies

Analogous

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



88.2116, 0.3375, 0.3472



88.2116, 0.3296, 0.3522



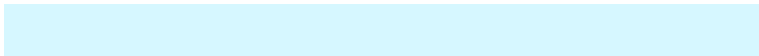
88.2116, 0.3172, 0.3509

Triad

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



88.2116, 0.3296, 0.3522



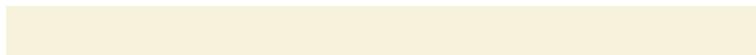
88.2116, 0.2874, 0.3196



88.2116, 0.3213, 0.3154

Complementary

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



88.2116, 0.3296, 0.3522



74.5094, 0.2954, 0.3047

Split Complementary

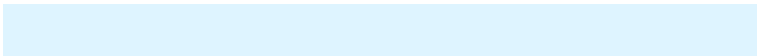
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2116, 0.3078, 0.3083



88.2116, 0.3296, 0.3522



88.2116, 0.2884, 0.3105

Square

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



88.2116, 0.3296, 0.3522



88.2116, 0.2930, 0.3317



88.2116, 0.2958, 0.3064



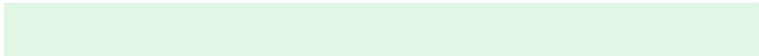
88.2116, 0.3328, 0.3259

Rectangle

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



88.2116, 0.3296, 0.3522



88.2116, 0.3082, 0.3464



88.2116, 0.2958, 0.3064



88.2116, 0.3169, 0.3125

Sweetspot

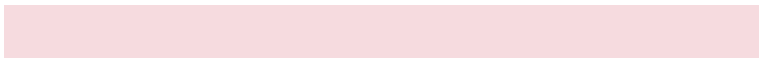
The Sweet Spot groups the original color and five complimentary colors.



88.2155, 0.3296, 0.3522



98.7916, 0.3172, 0.3352



75.5943, 0.3295, 0.3249



21.0772, 0.3184, 0.3369



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.



88.2155, 0.3296, 0.3522



94.9335, 0.3329, 0.3566



88.9724, 0.3228, 0.3567



18.8679, 0.3272, 0.3490



35.0491, 0.4483, 0.4822



3.1925, 0.4441, 0.4856

Inverse Universe

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



74.5094, 0.2954, 0.3047



77.5500, 0.2920, 0.2998



73.8911, 0.3018, 0.3009



16.3253, 0.2979, 0.3082



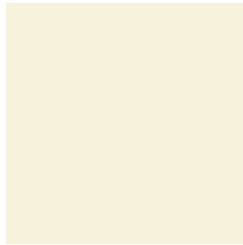
4.3702, 0.1534, 0.0722



0.5019, 0.1586, 0.0910

Previews

White Background



This preview shows how the Yxy color 88.2116, 0.3296, 0.3522 looks on a white background.

Color Contrast Check

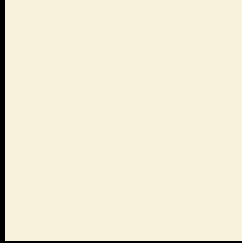
Large Text (above 18pt) WCAG AA × Fail

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 88.2116, 0.3296, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

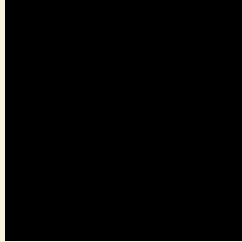
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

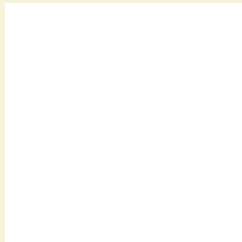
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2116, 0.3296, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 88.2116, 0.3296, 0.3522.

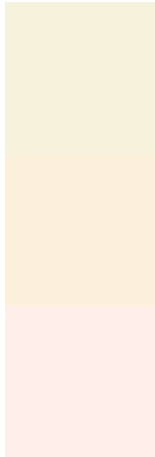


This preview shows how white text looks on a background with the Yxy color 88.2116, 0.3296, 0.3522.

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

88.2116, 0.3296, 0.3522

Protanopia

87.8914, 0.3339, 0.3510

Deuteranopia

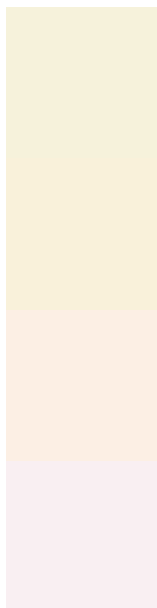
88.2923, 0.3273, 0.3340



Tritanopia

88.2976, 0.3109, 0.3115

Trichromacy



Original Color

88.2116, 0.3296, 0.3522

Protanomaly

88.1123, 0.3324, 0.3521

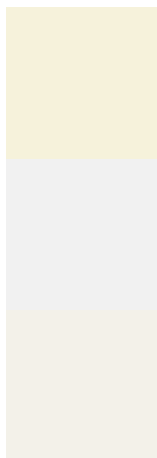
Deuteranomaly

88.0299, 0.3283, 0.3399

Tritanomaly

88.2835, 0.3175, 0.3261

Monochromacy



Original Color

88.2116, 0.3296, 0.3522

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.8485, 0.3189, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2116, 0.3296, 0.3522 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, 242, 219)` looks like.

```
.text, #text, p{  
    color:rgb(246, 242, 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(246, 242, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 242, 219) }
```

Border

The CSS property to change the border of an element to Yxy 88.2116, 0.3296, 0.3522 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, 242, 219) }
```

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

```
.border{ border-color:rgb(246, 242, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 242, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 242, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 242, 219);  
box-shadow:4px 4px 4px 4px rgb(246, 242,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2116, 0.3296, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 242, 219) }
```

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

```
.background{ background-color: rgb(246,  
242, 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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