

Converting Colors

$Yxy(91.3222, 0.3187, 0.3399)$

Have a look what the booklet for
Yxy(91.3222, 0.3187, 0.3399)
contains.

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Color

Yxy(91.3222, 0.3187, 0.3399)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F5F6EB |
| RGB | 245, 246, 235 |
| RGB Percent | 96%, 96%, 92% |
| CMY | 0.0390, 0.0354, 0.0784 |
| CMYK | 0.00, 0.00, 0.04, 0.04 |
| HSL | 65°, 38%, 94% |
| HSV | 65°, 4%, 96% |
| XYZ | 85.6263, 91.3222, 91.7252 |
| YIQ | 244.4470, 2.9350, -3.6330 |

Conversions

Conversions Part 2

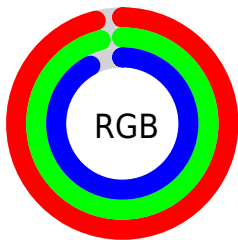
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 235, 246, 236 |
| Decimal | 16119531 |
| CIE Lab | 96.54, -2.19, 5.15 |
| CIE LCh | 97, 5.598, 113.080 |
| Yxy | 91.3222, 0.3187, 0.3399 |
| Android (android.graphics.Color) | 4294309611 (0xFFFF5F6EB) |
| YUV | 244.4470, -4.6574, 0.4850 |
| Hunter-Lab | 95.5626, -7.2946, 9.9847 |

Details

The Yxy color 91.3222, 0.3187, 0.3399 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.9036, 0.3066, 0.3179, and the grayscale version is 90.8902, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.9004, 0.3203, 0.3430 is the 20% darker color. If you saturate the color by 10%, you get 89.6322, 0.3324, 0.3651, and if you desaturate by 10%, it is 92.9197, 0.3081, 0.3202.

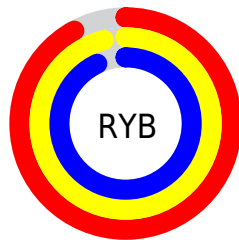
Distribution



Red (96%)

Green (96%)

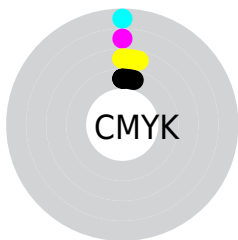
Blue (92%)



Red (92%)

Yellow (96%)

Blue (93%)

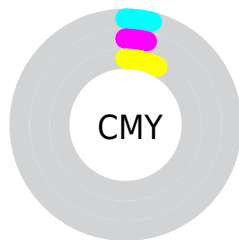


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (4%)



Cyan (4%)


Magenta (4%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3222, 0.3187, 0.3399 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 91.3222, 0.3187, 0.3399 by changing the saturation by 10% instead.


 91.3222, 0.3187,
0.3399

 91.3222, 0.3187,
0.3399


532.3226, 0.3161,
0.3350

 69.0778, 0.3193,
0.3410


149.1736, 0.3178,
0.3382

 50.7751, 0.3200,
0.3423


185.5494, 0.3174,
0.3376

 36.0296, 0.3209,
0.3439


227.4045, 0.3171,
0.3370

 24.4571, 0.3220,
0.3460

275.1233, 0.3169,
0.3365

 15.6730, 0.3234,
0.3487

329.0900, 0.3166,
0.3361

 9.2931, 0.3254,
0.3525

389.6892, 0.3164,

 4.9328, 0.3284,

0.3357

0.3582

457.3053, 0.3162,
0.3354

■ 2.2079, 0.3330,
0.3673

■ 0.7243, 0.3551,
0.4051

■ 91.3222, 0.3187,
0.3399

■ 91.3222, 0.3187,
0.3399

■ 89.6322, 0.3324,
0.3651

■ 92.9197, 0.3081,
0.3202

■ 88.1310, 0.3462,
0.3909

■ 93.2968, 0.3094,
0.3203

■ 86.8139, 0.3597,
0.4166

■ 93.6780, 0.3107,
0.3203

■ 85.6718, 0.3723,
0.4411

■ 94.0634, 0.3120,
0.3204

■ 84.6944, 0.3834,
0.4635

■ 94.3824, 0.3131,
0.3204

■ 83.8708, 0.3924,
0.4827

■ 83.1883, 0.3991,
0.4979

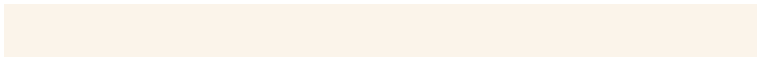
■ 82.6325, 0.4031,
0.5086

■ 82.1856, 0.4045,
0.5149

Harmonies

Analogous

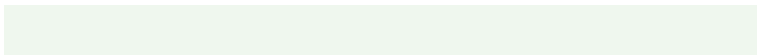
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3222, 0.3233, 0.3387



91.3222, 0.3187, 0.3399



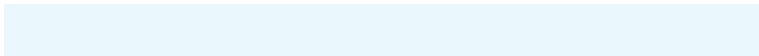
91.3222, 0.3126, 0.3381

Triad

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



91.3222, 0.3187, 0.3399



91.3222, 0.3006, 0.3229



91.3222, 0.3189, 0.3243

Complementary

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



91.3222, 0.3187, 0.3399



83.9036, 0.3066, 0.3179

Split Complementary

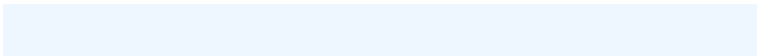
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3222, 0.3128, 0.3202



91.3222, 0.3187, 0.3399



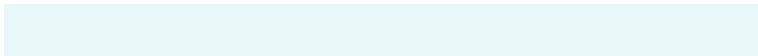
91.3222, 0.3022, 0.3193

Square

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



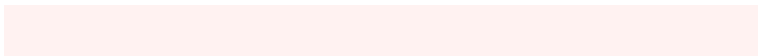
91.3222, 0.3187, 0.3399



91.3222, 0.3021, 0.3282



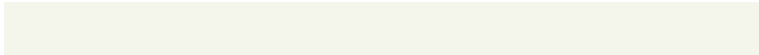
91.3222, 0.3067, 0.3183



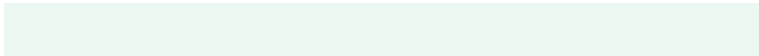
91.3222, 0.3234, 0.3297

Rectangle

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



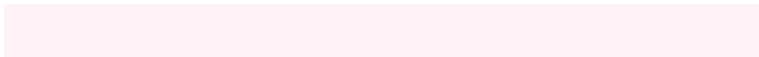
91.3222, 0.3187, 0.3399



91.3222, 0.3084, 0.3355



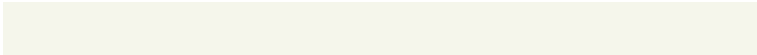
91.3222, 0.3067, 0.3183



91.3222, 0.3170, 0.3227

Sweetspot

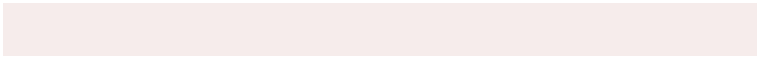
The Sweet Spot groups the original color and five complimentary colors.



91.3262, 0.3187, 0.3399



99.7963, 0.3141, 0.3314



85.5423, 0.3200, 0.3299



21.3627, 0.3140, 0.3313



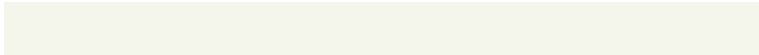
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.3262, 0.3187, 0.3399



99.0038, 0.3194, 0.3413



90.3551, 0.3151, 0.3400



19.3785, 0.3204, 0.3430



43.7888, 0.4047, 0.5169



3.8690, 0.4067, 0.5153

Inverse Universe

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



83.9036, 0.3066, 0.3179



89.9846, 0.3058, 0.3165



84.8553, 0.3102, 0.3180



17.3798, 0.3048, 0.3147



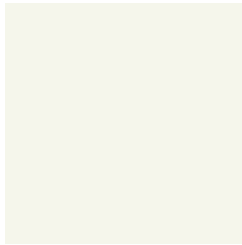
3.6582, 0.1527, 0.0615



0.3439, 0.1589, 0.0649

Previews

White Background



This preview shows how the Yxy color 91.3222, 0.3187, 0.3399 looks on a white background.

Color Contrast Check

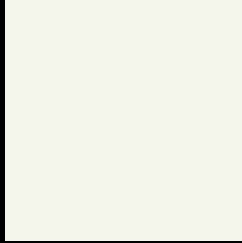
Large Text (above 18pt) WCAG AA × Fail

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 91.3222, 0.3187, 0.3399 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

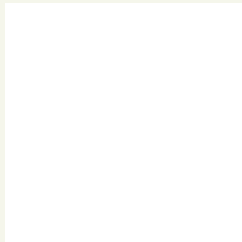
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3222, 0.3187, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 91.3222, 0.3187, 0.3399.

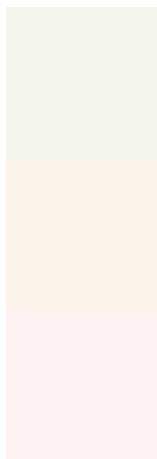


This preview shows how white text looks on a background with the Yxy color 91.3222, 0.3187, 0.3399.

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

91.3222, 0.3187, 0.3399

Protanopia

91.3373, 0.3240, 0.3388

Deuteranopia

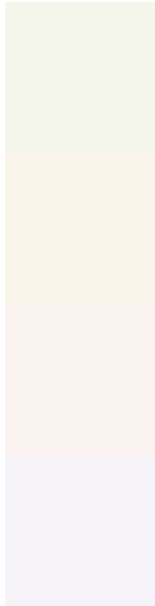
91.1751, 0.3212, 0.3290



Tritanopia

91.0953, 0.3081, 0.3173

Trichromacy



Original Color

91.3222, 0.3187, 0.3399

Protanomaly

91.3851, 0.3220, 0.3399

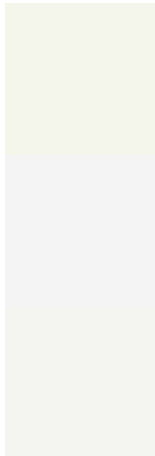
Deuteranomaly

90.8424, 0.3204, 0.3329

Tritanomaly

91.0715, 0.3116, 0.3251

Monochromacy



Original Color

91.3222, 0.3187, 0.3399

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.8888, 0.3145, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3222, 0.3187, 0.3399 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, 246, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 235)  
}
```

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, 246, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 235) }
```

Border

The CSS property to change the border of an element to Yxy 91.3222, 0.3187, 0.3399 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, 246, 235) }
```

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

```
.border{ border-color:rgb(245, 246, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 246, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3222, 0.3187, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 235) }
```

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

```
.background{ background-color: rgb(245,  
246, 235) }
```

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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