

Converting Colors

$Y_{xy}(91.9350, 0.3176, 0.3417)$

Have a look what the booklet for
Yxy(91.9350, 0.3176, 0.3417)
contains.

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Color

Yxy(92.1876, 0.3172, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	F3F8EB
RGB	243, 248, 235
RGB Percent	95%, 97%, 92%
CMY	0.0471, 0.0274, 0.0782
CMYK	0.02, 0.00, 0.05, 0.03
HSL	83°, 48%, 95%
HSV	83°, 5%, 97%
XYZ	85.5277, 92.1876, 91.9180
YIQ	245.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

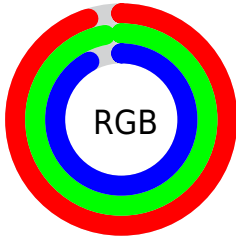
Format	Color
R _Y B	235, 248, 240
Decimal	15988971
CIE Lab	96.90, -3.91, 5.63
CIE LCh	97, 6.852, 124.768
Yxy	92.1876, 0.3172, 0.3419
Android (android.graphics.Color)	4294179051 (0xFFFF3F8EB)
YUV	245.0230, -4.9413, -1.7742
Hunter-Lab	96.0144, -9.0210, 10.4496

Details

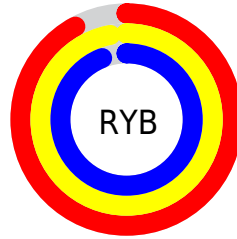
The Yxy color **92.1876, 0.3172, 0.3419** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.7572, 0.3081, 0.3160**, and the grayscale version is **91.3736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5187, 0.3185, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **89.1934, 0.3258, 0.3680**, and if you desaturate by 10%, it is **95.1626, 0.3115, 0.3223**.

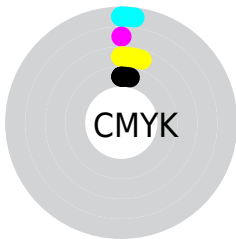
Distribution



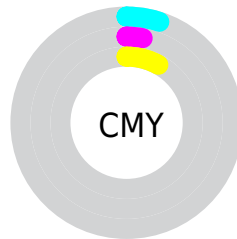
- Red (95%)
- Green (97%)
- Blue (92%)



- Red (92%)
- Yellow (97%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (5%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1876, 0.3172, 0.3419 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 92.1876, 0.3172, 0.3419 by changing the saturation by 10% instead.

 92.1876, 0.3172,
0.3419

 92.1876, 0.3172,
0.3419

535.1216, 0.3152,
0.3361

 69.7965, 0.3176,
0.3432


150.3734, 0.3165,
0.3399

 51.3606, 0.3181,
0.3447


186.9368, 0.3163,
0.3392

 36.4957, 0.3188,
0.3466


228.9931, 0.3160,
0.3385

 24.8173, 0.3196,
0.3491

276.9267, 0.3158,
0.3379

 15.9410, 0.3206,
0.3524

331.1219, 0.3157,
0.3374

 9.4824, 0.3221,
0.3569

391.9632, 0.3155,

 5.0571, 0.3242,

0.3369

0.3636

459.8350, 0.3154,
0.3365

■ 2.2808, 0.3274,
0.3746

■ 0.7635, 0.3441,
0.4168

■ 92.1876, 0.3172,
0.3419

■ 92.1876, 0.3172,
0.3419

■ 89.1934, 0.3258,
0.3680

■ 95.1626, 0.3115,
0.3223

■ 86.4748, 0.3343,
0.3957

■ 95.6175, 0.3130,
0.3223

■ 84.0255, 0.3423,
0.4244

■ 81.8347, 0.3492,
0.4531

■ 79.8906, 0.3547,
0.4807

■ 78.1802, 0.3582,
0.5058

■ 76.6892, 0.3594,
0.5271

■ 75.4010, 0.3580,
0.5435

■ 74.2954, 0.3544,
0.5547

Harmonies

Analogous

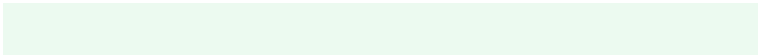
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1876, 0.3238, 0.3418



92.1876, 0.3172, 0.3419



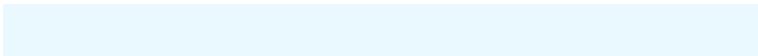
92.1876, 0.3095, 0.3384

Triad

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



92.1876, 0.3172, 0.3419



92.1876, 0.2983, 0.3195



92.1876, 0.3228, 0.3257

Complementary

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



92.1876, 0.3172, 0.3419



84.7572, 0.3081, 0.3160

Split Complementary

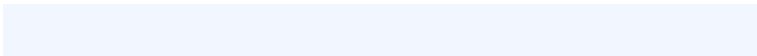
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1876, 0.3158, 0.3199



92.1876, 0.3172, 0.3419



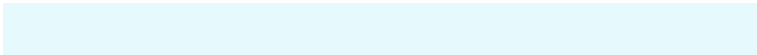
92.1876, 0.3017, 0.3163

Square

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



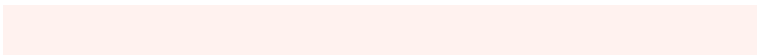
92.1876, 0.3172, 0.3419



92.1876, 0.2986, 0.3254



92.1876, 0.3081, 0.3165



92.1876, 0.3270, 0.3324

Rectangle

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



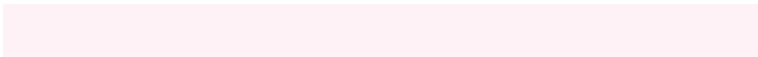
92.1876, 0.3172, 0.3419



92.1876, 0.3048, 0.3345



92.1876, 0.3081, 0.3165



92.1876, 0.3207, 0.3236

Sweetspot

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



92.1916, 0.3172, 0.3419



99.3036, 0.3144, 0.3339



88.2867, 0.3211, 0.3340



21.2624, 0.3143, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

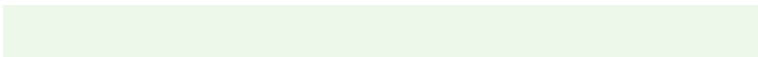
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1916, 0.3172, 0.3419



97.9480, 0.3179, 0.3439



91.0671, 0.3131, 0.3421



20.0262, 0.3184, 0.3455



39.9584, 0.3531, 0.5578



3.7619, 0.3609, 0.5516

Inverse Universe

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



84.7572, 0.3081, 0.3160



88.8877, 0.3073, 0.3140



85.9034, 0.3123, 0.3162



17.9808, 0.3067, 0.3124



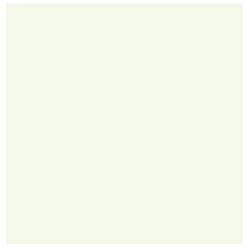
5.0778, 0.1822, 0.0778



0.5293, 0.1954, 0.0850

Previews

White Background



This preview shows how the Yxy color 92.1876, 0.3172, 0.3419 looks on a white background.

Color Contrast Check

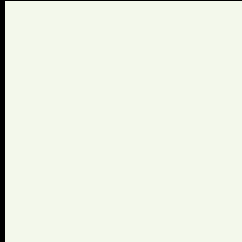
Large Text (above 18pt) WCAG AA × Fail

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 92.1876, 0.3172, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

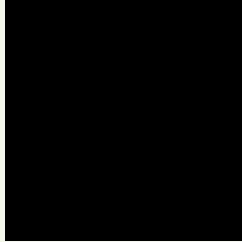
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

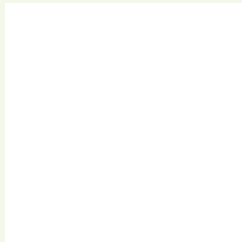
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1876, 0.3172, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 92.1876, 0.3172, 0.3419.

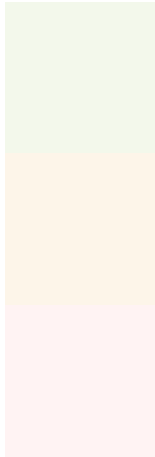


This preview shows how white text looks on a background with the Yxy color 92.1876, 0.3172, 0.3419.

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

92.1876, 0.3172, 0.3419

Protanopia

92.0707, 0.3252, 0.3408

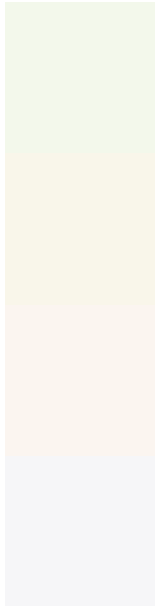
Deuteranopia

91.8322, 0.3206, 0.3290

Tritanopia

92.2990, 0.3081, 0.3193

Trichromacy



Original Color

92.1876, 0.3172, 0.3419

Protanomaly

91.9918, 0.3219, 0.3409

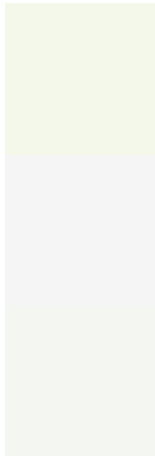
Deuteranomaly

92.1053, 0.3196, 0.3339

Tritanomaly

92.2817, 0.3115, 0.3270

Monochromacy



Original Color

92.1876, 0.3172, 0.3419

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.4955, 0.3144, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1876, 0.3172, 0.3419 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, 248, 235)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 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(243, 248, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 235) }
```

Border

The CSS property to change the border of an element to Yxy 92.1876, 0.3172, 0.3419 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, 248, 235) }
```

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

```
.border{ border-color:rgb(243, 248, 235) }
```

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

Here you see how a box with a 4 pixel rgb(243, 248, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1876, 0.3172, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 235) }
```

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

```
.background{ background-color: rgb(243,  
248, 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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