

Converting Colors

$Yxy(93.1868, 0.3196, 0.3422)$

Have a look what the booklet for
Yxy(93.1868, 0.3196, 0.3422)
contains.

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Color

Yxy(92.9071, 0.3198, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	F7F8EB
RGB	247, 248, 235
RGB Percent	97%, 97%, 92%
CMY	0.0316, 0.0273, 0.0785
CMYK	0.00, 0.00, 0.05, 0.03
HSL	65°, 48%, 95%
HSV	65°, 5%, 97%
XYZ	86.9017, 92.9071, 91.9288
YIQ	246.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

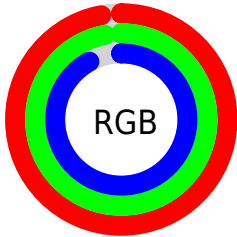
Format	Color
R _Y B	235, 248, 236
Decimal	16251115
CIE Lab	97.19, -2.60, 6.13
CIE LCh	97, 6.655, 112.988
Yxy	92.9071, 0.3198, 0.3419
Android (android.graphics.Color)	4294441195 (0xFFFF7F8EB)
YUV	246.2190, -5.5310, 0.6849
Hunter-Lab	96.3883, -7.7477, 10.9249

Details

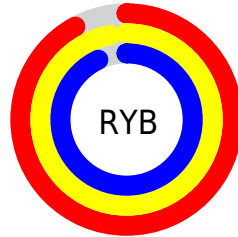
The Yxy color 92.9071, 0.3198, 0.3419 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.0236, 0.3054, 0.3158, and the grayscale version is 92.3838, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.0303, 0.3218, 0.3454 is the 20% darker color. If you saturate the color by 10%, you get 91.2036, 0.3336, 0.3672, and if you desaturate by 10%, it is 94.5112, 0.3092, 0.3223.

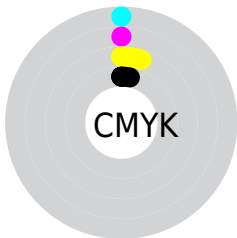
Distribution



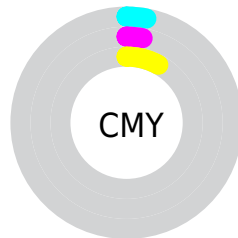
- Red (97%)
- Green (97%)
- Blue (92%)



- Red (92%)
- Yellow (97%)
- Blue (93%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.9071, 0.3198, 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 92.9071, 0.3198, 0.3419 by changing the saturation by 10% instead.


 92.9071, 0.3198,
0.3419

 92.9071, 0.3198,
0.3419

537.4429, 0.3167,
0.3362

 70.3943, 0.3205,
0.3432


151.3700, 0.3187,
0.3400

 51.8480, 0.3213,
0.3447


188.0889, 0.3183,
0.3392

 36.8840, 0.3223,
0.3466


230.3119, 0.3180,
0.3385

 25.1177, 0.3236,
0.3490


278.4234, 0.3176,
0.3379

 16.1647, 0.3253,
0.3523

332.8079, 0.3174,
0.3374

 9.6408, 0.3276,
0.3567

393.8497, 0.3171,

 5.1615, 0.3310,

0.3369

0.3633

461.9332, 0.3169,
0.3365

■ 2.3423, 0.3363,
0.3739

■ 0.7960, 0.3596,
0.4130

■ 92.9071, 0.3198,
0.3419

■ 92.9071, 0.3198,
0.3419

■ 91.2036, 0.3336,
0.3672

■ 94.5112, 0.3092,
0.3223

■ 89.6919, 0.3474,
0.3930

■ 94.8920, 0.3105,
0.3223

■ 88.3671, 0.3608,
0.4186

■ 95.2770, 0.3118,
0.3223

■ 87.2198, 0.3733,
0.4430

■ 95.6309, 0.3130,
0.3223

■ 86.2397, 0.3843,
0.4651

■ 85.4152, 0.3932,
0.4840

■ 84.7336, 0.3996,
0.4989

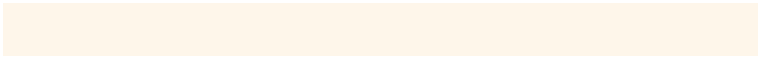
■ 84.1797, 0.4034,
0.5092

■ 83.7349, 0.4046,
0.5152

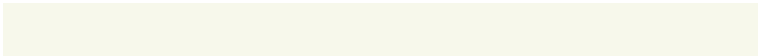
Harmonies

Analogous

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



92.9071, 0.3252, 0.3405



92.9071, 0.3198, 0.3419



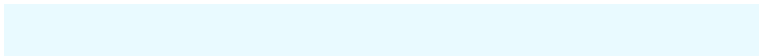
92.9071, 0.3125, 0.3398

Triad

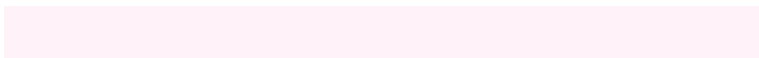
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9071, 0.3198, 0.3419



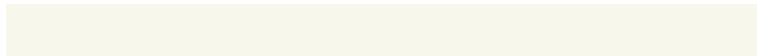
92.9071, 0.2984, 0.3218



92.9071, 0.3200, 0.3234

Complementary

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



92.9071, 0.3198, 0.3419



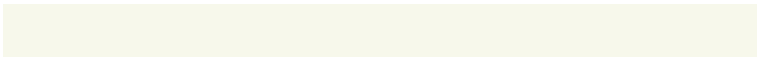
84.0236, 0.3054, 0.3158

Split Complementary

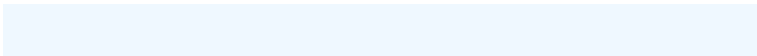
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9071, 0.3128, 0.3186



92.9071, 0.3198, 0.3419



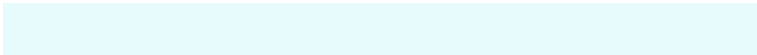
92.9071, 0.3003, 0.3176

Square

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



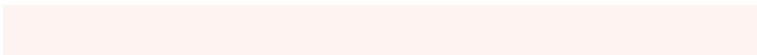
92.9071, 0.3198, 0.3419



92.9071, 0.3002, 0.3281



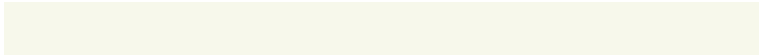
92.9071, 0.3056, 0.3164



92.9071, 0.3254, 0.3297

Rectangle

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



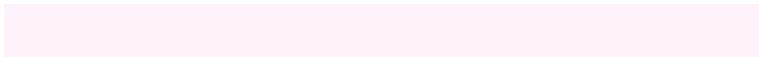
92.9071, 0.3198, 0.3419



92.9071, 0.3076, 0.3367



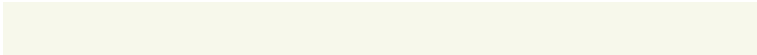
92.9071, 0.3056, 0.3164



92.9071, 0.3177, 0.3216

Sweetspot

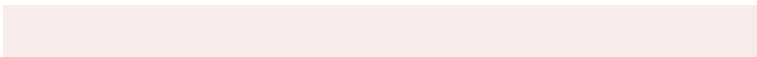
The Sweet Spot groups the original color and five complimentary colors.



92.9111, 0.3198, 0.3419



99.5956, 0.3154, 0.3339



85.8591, 0.3215, 0.3299



21.3218, 0.3153, 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.



92.9111, 0.3198, 0.3419



98.8131, 0.3208, 0.3438



91.7833, 0.3157, 0.3421



20.2220, 0.3217, 0.3454



45.1526, 0.4048, 0.5168



4.2029, 0.4067, 0.5153

Inverse Universe

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



84.0236, 0.3054, 0.3158



88.0594, 0.3044, 0.3139



85.1235, 0.3096, 0.3160



17.7942, 0.3034, 0.3122



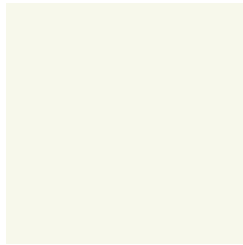
3.7685, 0.1526, 0.0614



0.3719, 0.1585, 0.0647

Previews

White Background



This preview shows how the Yxy color 92.9071, 0.3198, 0.3419 looks on a white background.

Color Contrast Check

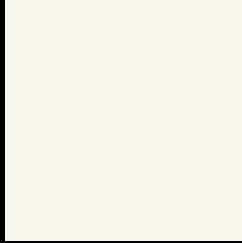
Large Text (above 18pt) WCAG AA × Fail

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 92.9071, 0.3198, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

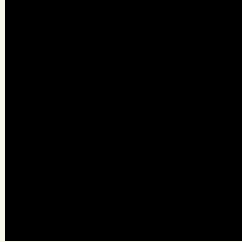
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

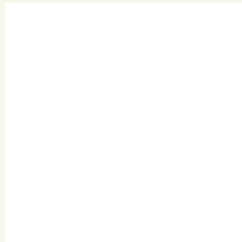
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9071, 0.3198, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 92.9071, 0.3198, 0.3419.

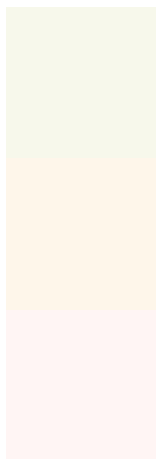


This preview shows how white text looks on a background with the Yxy color 92.9071, 0.3198, 0.3419.

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

92.9071, 0.3198, 0.3419

Protanopia

92.9229, 0.3252, 0.3407

Deuteranopia

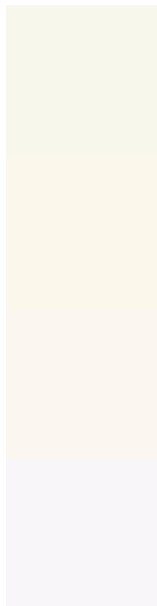
93.0965, 0.3198, 0.3300



Tritanopia

92.6646, 0.3093, 0.3193

Trichromacy



Original Color

92.9071, 0.3198, 0.3419

Protanomaly

92.9713, 0.3231, 0.3418

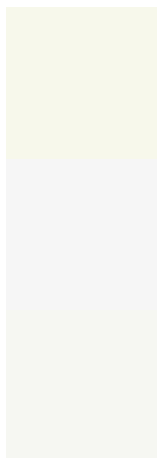
Deuteranomaly

92.9579, 0.3196, 0.3339

Tritanomaly

92.6453, 0.3128, 0.3271

Monochromacy



Original Color

92.9071, 0.3198, 0.3419

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.5252, 0.3150, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9071, 0.3198, 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(247, 248, 235)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 248, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 235) }
```

Border

The CSS property to change the border of an element to Yxy 92.9071, 0.3198, 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(247, 248, 235) }
```

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

```
.border{ border-color:rgb(247, 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(247, 248, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9071, 0.3198, 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(247, 248, 235) }
```

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

```
.background{ background-color: rgb(247,  
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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