

Converting Colors

$Yxy(92.4194, 0.3075, 0.3407)$

Have a look what the booklet for
Yxy(92.4194, 0.3075, 0.3407)
contains.

Yxy(92.3822, 0.3078, 0.3411)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.3822, 0.3078, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	E8FBEF
RGB	232, 251, 239
RGB Percent	91%, 98%, 94%
CMY	0.0900, 0.0157, 0.0628
CMYK	0.08, 0.00, 0.05, 0.02
HSL	142°, 70%, 95%
HSV	142°, 8%, 98%
XYZ	83.3634, 92.3822, 95.0906
YIQ	243.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

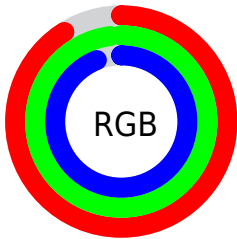
Format	Color
R _Y B	232, 246, 251
Decimal	15268847
CIE Lab	96.98, -8.36, 3.62
CIE LCh	97, 9.105, 156.603
Yxy	92.3822, 0.3078, 0.3411
Android (android.graphics.Color)	4293458927 (0xFFE8FB EF)
YUV	243.9510, -2.4408, -10.4810
Hunter-Lab	96.1157, -13.3852, 8.6233

Details

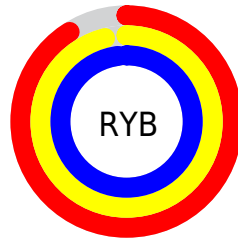
The Yxy color **92.3822, 0.3078, 0.3411** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7777, 0.3180, 0.3172**, and the grayscale version is **90.4566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2326, 0.3065, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **87.5819, 0.3014, 0.3589**, and if you desaturate by 10%, it is **97.4652, 0.3130, 0.3253**.

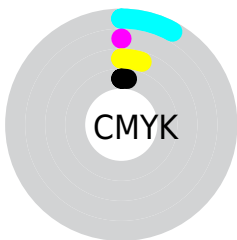
Distribution



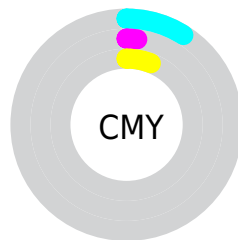
- Red (91%)
- Green (98%)
- Blue (94%)



- Red (91%)
- Yellow (96%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)




- Cyan (9%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3822, 0.3078, 0.3411 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 92.3822, 0.3078, 0.3411 by changing the saturation by 10% instead.


 92.3822, 0.3078,
0.3411

 92.3822, 0.3078,
0.3411

535.7500, 0.3100,
0.3357

 69.9581, 0.3073,
0.3423

150.6430, 0.3086,
0.3393

 51.4924, 0.3067,
0.3438

187.2485, 0.3089,
0.3385

 36.6006, 0.3060,
0.3456


229.3500, 0.3091,
0.3379

 24.8984, 0.3050,
0.3479

277.3317, 0.3093,
0.3373

 16.0014, 0.3037,
0.3510

331.5782, 0.3095,
0.3369

 9.5251, 0.3020,
0.3553

392.4738, 0.3097,

 5.0853, 0.2993,

0.3364

0.3617

460.4029, 0.3099,
0.3360

■ 2.2974, 0.2950,
0.3722

■ 0.7723, 0.2804,
0.4085

■ 92.3822, 0.3078,
0.3411

■ 92.3822, 0.3078,
0.3411

■ 87.5819, 0.3014,
0.3589


■ 97.4652, 0.3130,
0.3253


■ 83.4328, 0.2952,
0.3787

■ 97.4725, 0.3129,
0.3252

■ 79.9094, 0.2896,
0.4005

■ 76.9803, 0.2849,
0.4239

 74.6110, 0.2813,
0.4484

 72.7633, 0.2793,
0.4734

 71.3944, 0.2791,
0.4978

 70.4536, 0.2807,
0.5207

 69.8754, 0.2840,
0.5410

Harmonies

Analogous

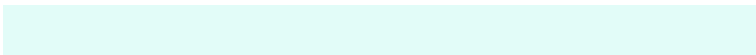
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3822, 0.3180, 0.3460



92.3822, 0.3078, 0.3411



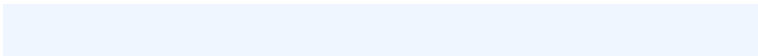
92.3822, 0.2990, 0.3328

Triad

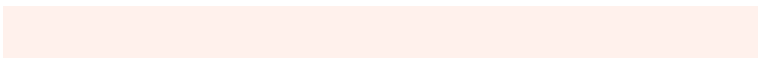
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3822, 0.3078, 0.3411



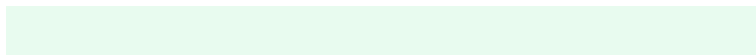
92.3822, 0.2985, 0.3121



92.3822, 0.3319, 0.3340

Complementary

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



92.3822, 0.3078, 0.3411



84.7777, 0.3180, 0.3172

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.



92.3822, 0.3266, 0.3251



92.3822, 0.3078, 0.3411



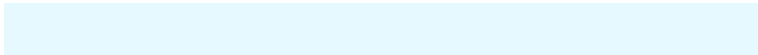
92.3822, 0.3072, 0.3126

Square

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



92.3822, 0.3078, 0.3411



92.3822, 0.2937, 0.3160



92.3822, 0.3175, 0.3174



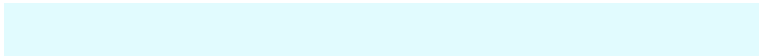
92.3822, 0.3321, 0.3417

Rectangle

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



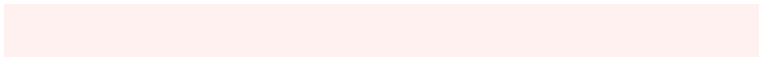
92.3822, 0.3078, 0.3411



92.3822, 0.2951, 0.3266



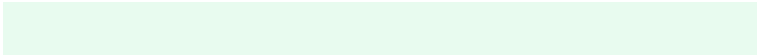
92.3822, 0.3175, 0.3174



92.3822, 0.3307, 0.3310

Sweetspot

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



92.3861, 0.3078, 0.3411



98.8392, 0.3114, 0.3321



94.0621, 0.3195, 0.3478



21.1678, 0.3115, 0.3319



0.0000, 0.0000, 0.0000



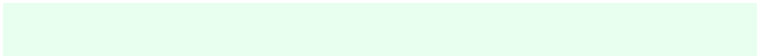
21.4041, 0.3127, 0.3290

Same Dimension

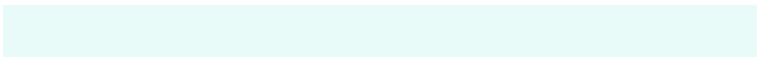
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3861, 0.3078, 0.3411



95.0032, 0.3069, 0.3436



92.9612, 0.3024, 0.3315



19.4145, 0.3065, 0.3444



36.6984, 0.2840, 0.5425



3.4185, 0.2774, 0.5186

Inverse Universe

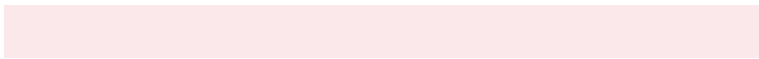
The Inverse Universe completely reimagines the original color for something new.



84.7777, 0.3180, 0.3172



85.6911, 0.3191, 0.3149



84.2165, 0.3241, 0.3265



17.4102, 0.3194, 0.3141



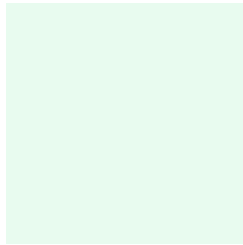
12.1245, 0.4408, 0.2202



1.1433, 0.4226, 0.2102

Previews

White Background



This preview shows how the Yxy color 92.3822, 0.3078, 0.3411 looks on a white background.

Color Contrast Check

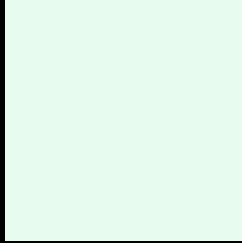
Large Text (above 18pt) WCAG AA × Fail

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 92.3822, 0.3078, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

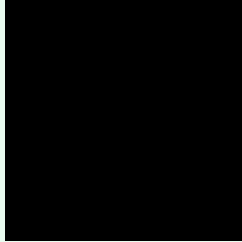
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

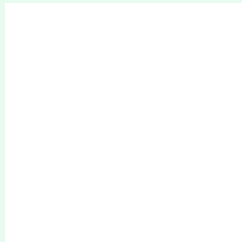
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3822, 0.3078, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 92.3822, 0.3078, 0.3411.

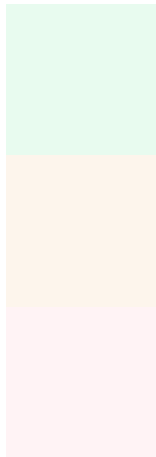


This preview shows how white text looks on a background with the Yxy color 92.3822, 0.3078, 0.3411.

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

92.3822, 0.3078, 0.3411

Protanopia

92.2436, 0.3234, 0.3378

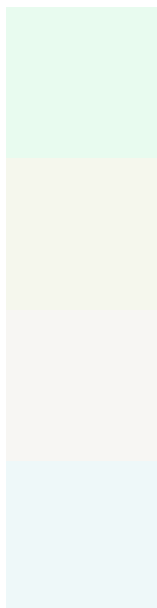
Deuteranopia

91.9538, 0.3193, 0.3271

Tritanopia

92.0088, 0.3049, 0.3202

Trichromacy



Original Color

92.3822, 0.3078, 0.3411

Protanomaly

92.0484, 0.3174, 0.3389

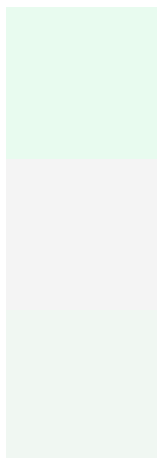
Deuteranomaly

92.1568, 0.3151, 0.3320

Tritanomaly

92.1515, 0.3058, 0.3280

Monochromacy



Original Color

92.3822, 0.3078, 0.3411

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.4576, 0.3112, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3822, 0.3078, 0.3411 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(232, 251, 239)` looks like.

```
.text, #text, p{  
    color:rgb(232, 251, 239)  
}
```

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(232, 251, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 251, 239) }
```

Border

The CSS property to change the border of an element to Yxy 92.3822, 0.3078, 0.3411 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(232, 251, 239) }
```

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

```
.border{ border-color:rgb(232, 251, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 251, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 251, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 251, 239);  
box-shadow:4px 4px 4px 4px rgb(232, 251,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3822, 0.3078, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 251, 239) }
```

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

```
.background{ background-color: rgb(232,  
251, 239) }
```

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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