

Converting Colors

Yxy(91.3144, 0.3108, 0.3421)

Have a look what the booklet for
Yxy(91.3144, 0.3108, 0.3421)
contains.

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Color

Yxy(91.2999, 0.3108, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	EAF9EC
RGB	234, 249, 236
RGB Percent	92%, 98%, 93%
CMY	0.0824, 0.0235, 0.0744
CMYK	0.06, 0.00, 0.05, 0.02
HSL	128°, 56%, 95%
HSV	128°, 6%, 98%
XYZ	82.9465, 91.2999, 92.6343
YIQ	243.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

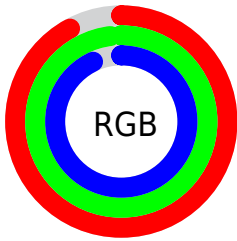
Format	Color
RYB	234, 247, 249
Decimal	15399404
CIELab	96.53, -7.25, 4.51
CIELCh	97, 8.536, 148.089
Yxy	91.2999, 0.3108, 0.3421
Android (android.graphics.Color)	4293589484 (0xFFEAF9EC)
YUV	243.0330, -3.4673, -7.9219
Hunter-Lab	95.5510, -12.2607, 9.4055

Details

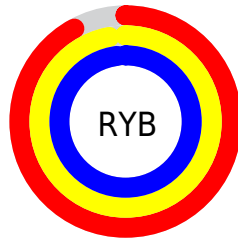
The Yxy color **91.2999, 0.3108, 0.3421** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6881, 0.3147, 0.3162**, and the grayscale version is **89.6880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9002, 0.3103, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **86.2062, 0.3076, 0.3662**, and if you desaturate by 10%, it is **96.2365, 0.3130, 0.3233**.

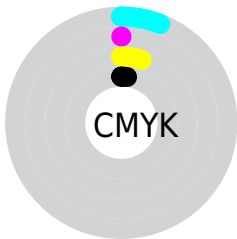
Distribution



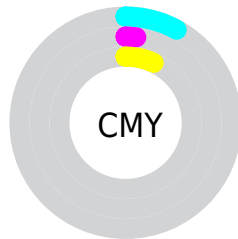
- Red (92%)
- Green (98%)
- Blue (93%)



- Red (92%)
- Yellow (97%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (8%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2999, 0.3108, 0.3421 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 91.2999, 0.3108, 0.3421 by changing the saturation by 10% instead.

 91.2999, 0.3108,
0.3421

 91.2999, 0.3108,
0.3421


532.2504, 0.3117,
0.3362

 69.0593, 0.3106,
0.3434


149.1427, 0.3111,
0.3401

 50.7600, 0.3104,
0.3450


185.5137, 0.3112,
0.3393

 36.0176, 0.3100,
0.3470


227.3636, 0.3113,
0.3386

 24.4478, 0.3096,
0.3495

275.0767, 0.3114,
0.3380

 15.6661, 0.3091,
0.3529

329.0376, 0.3115,
0.3375

 9.2882, 0.3083,
0.3576

389.6306, 0.3116,

 4.9297, 0.3071,

0.3370

0.3647

457.2400, 0.3116,
0.3366

■ 2.2060, 0.3051,
0.3763

■ 0.7233, 0.2993,
0.4240

■ 91.2999, 0.3108,
0.3421

■ 91.2999, 0.3108,
0.3421

■ 86.2062, 0.3076,
0.3662

■ 96.2365, 0.3130,
0.3233

■ 81.8214, 0.3043,
0.3932

■ 78.1174, 0.3012,
0.4229

■ 75.0599, 0.2985,
0.4546

■ 72.6115, 0.2963,
0.4870

■ 70.7311, 0.2950,
0.5184

■ 69.3722, 0.2946,
0.5467

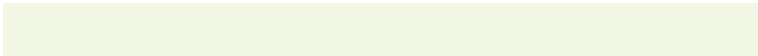
■ 68.4810, 0.2953,
0.5698

■ 67.9916, 0.2969,
0.5862

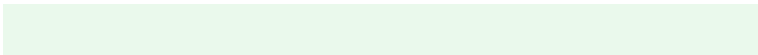
Harmonies

Analogous

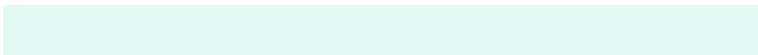
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2999, 0.3203, 0.3455



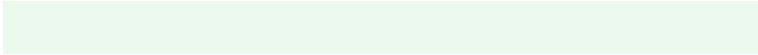
91.2999, 0.3108, 0.3421



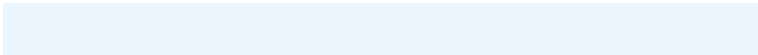
91.2999, 0.3019, 0.3350

Triad

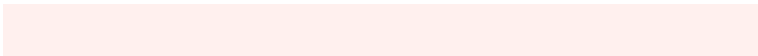
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2999, 0.3108, 0.3421



91.2999, 0.2976, 0.3137



91.2999, 0.3298, 0.3313

Complementary

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



91.2999, 0.3108, 0.3421



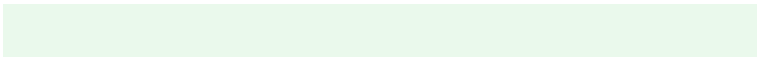
85.6881, 0.3147, 0.3162

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.



91.2999, 0.3236, 0.3231



91.2999, 0.3108, 0.3421



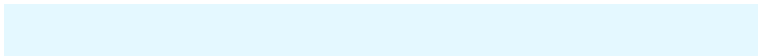
91.2999, 0.3050, 0.3130

Square

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



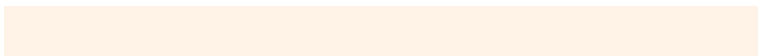
91.2999, 0.3108, 0.3421



91.2999, 0.2944, 0.3185



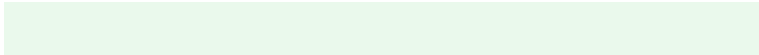
91.2999, 0.3144, 0.3164



91.2999, 0.3314, 0.3391

Rectangle

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



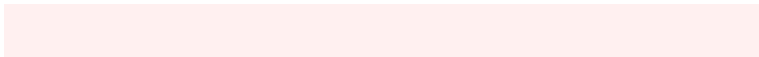
91.2999, 0.3108, 0.3421



91.2999, 0.2975, 0.3292



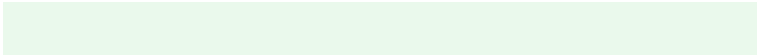
91.2999, 0.3144, 0.3164



91.2999, 0.3282, 0.3285

Sweetspot

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



91.3038, 0.3108, 0.3421



98.7652, 0.3121, 0.3332



93.4708, 0.3204, 0.3439



21.1528, 0.3121, 0.3330



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

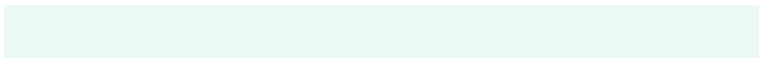
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3038, 0.3108, 0.3421



95.8174, 0.3105, 0.3443



91.7467, 0.3065, 0.3345



19.5648, 0.3103, 0.3457



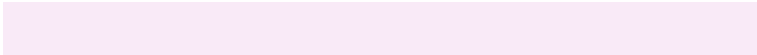
36.3400, 0.2970, 0.5892



3.3772, 0.2922, 0.5720

Inverse Universe

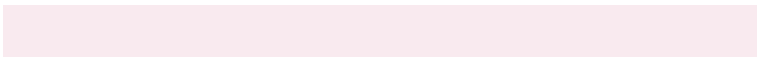
The Inverse Universe completely reimagines the original color for something new.



85.6881, 0.3147, 0.3162



88.9789, 0.3150, 0.3142



85.2367, 0.3194, 0.3236



18.0519, 0.3152, 0.3129



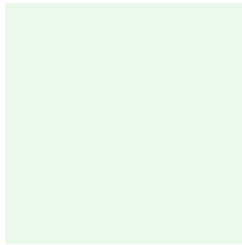
13.4205, 0.3589, 0.1751



1.2539, 0.3536, 0.1722

Previews

White Background



This preview shows how the Yxy color 91.2999, 0.3108, 0.3421 looks on a white background.

Color Contrast Check

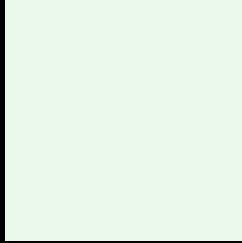
Large Text (above 18pt) WCAG AA × Fail

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 91.2999, 0.3108, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

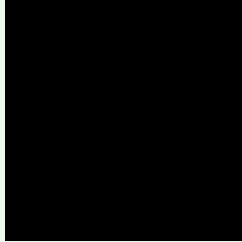
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

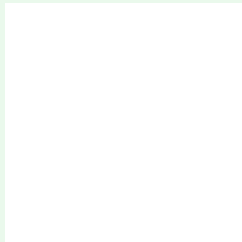
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2999, 0.3108, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 91.2999, 0.3108, 0.3421.

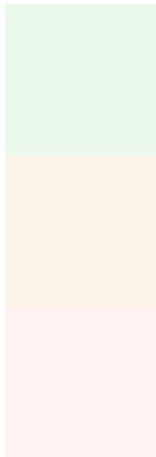


This preview shows how white text looks on a background with the Yxy color 91.2999, 0.3108, 0.3421.

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

91.2999, 0.3108, 0.3421

Protanopia

91.2800, 0.3247, 0.3398

Deuteranopia

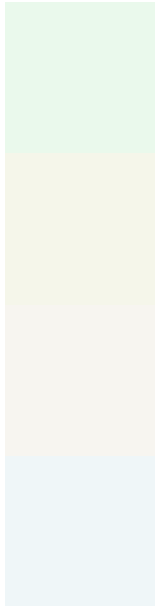
91.1751, 0.3212, 0.3290



Tritanopia

91.4021, 0.3049, 0.3192

Trichromacy



Original Color

91.2999, 0.3108, 0.3421

Protanomaly

91.2645, 0.3193, 0.3409

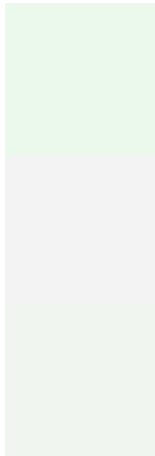
Deuteranomaly

91.3702, 0.3170, 0.3339

Tritanomaly

91.0396, 0.3071, 0.3270

Monochromacy



Original Color

91.2999, 0.3108, 0.3421

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.1214, 0.3125, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2999, 0.3108, 0.3421 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(234, 249, 236)` looks like.

```
.text, #text, p{  
    color:rgb(234, 249, 236)  
}
```

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(234, 249, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 249, 236) }
```

Border

The CSS property to change the border of an element to Yxy 91.2999, 0.3108, 0.3421 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(234, 249, 236) }
```

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

```
.border{ border-color:rgb(234, 249, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 249, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 249, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 249, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 249,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2999, 0.3108, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 249, 236) }
```

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

```
.background{ background-color: rgb(234,  
249, 236) }
```

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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