

Converting Colors

Yxy(91.9247, 0.3094, 0.3445)

Have a look what the booklet for
Yxy(91.9247, 0.3094, 0.3445)
contains.

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Color

Yxy(91.9814, 0.3094, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	E7FBEB
RGB	231, 251, 235
RGB Percent	91%, 98%, 92%
CMY	0.0943, 0.0156, 0.0783
CMYK	0.08, 0.00, 0.06, 0.02
HSL	132°, 72%, 95%
HSV	132°, 8%, 98%
XYZ	82.4422, 91.9814, 92.0347
YIQ	243.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

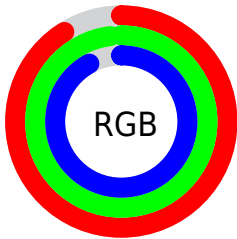
Format	Color
R _Y B	231, 248, 251
Decimal	15203307
CIE Lab	96.81, -9.42, 5.40
CIE LCh	97, 10.860, 150.161
Yxy	91.9814, 0.3094, 0.3452
Android (android.graphics.Color)	4293393387 (0xFFE7FBEB)
YUV	243.1960, -4.0406, -10.6959
Hunter-Lab	95.9069, -14.3974, 10.2387

Details

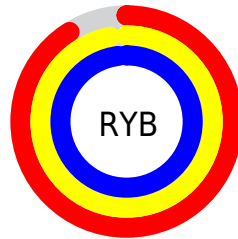
The Yxy color **91.9814, 0.3094, 0.3452** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3531, 0.3162, 0.3133**, and the grayscale version is **89.8282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9522, 0.3086, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **87.0127, 0.3052, 0.3679**, and if you desaturate by 10%, it is **97.4824, 0.3129, 0.3252**.

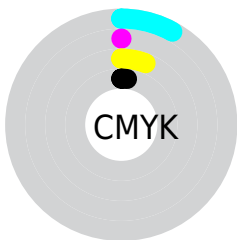
Distribution



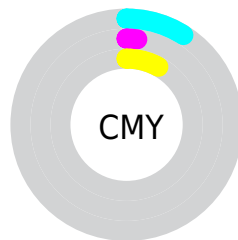
- Red (91%)
- Green (98%)
- Blue (92%)



- Red (91%)
- Yellow (97%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)





- Cyan (9%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9814, 0.3094, 0.3452 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 91.9814, 0.3094, 0.3452 by changing the saturation by 10% instead.


 91.9814, 0.3094,
0.3452

 91.9814, 0.3094,
0.3452

534.4554, 0.3109,
0.3379

 69.6252, 0.3091,
0.3468


150.0876, 0.3099,
0.3427

 51.2210, 0.3086,
0.3488

186.6064, 0.3101,
0.3417

 36.3845, 0.3081,
0.3512


228.6148, 0.3103,
0.3409

 24.7313, 0.3074,
0.3544

276.4973, 0.3105,
0.3402

 15.8770, 0.3065,
0.3586

330.6382, 0.3106,
0.3395

 9.4372, 0.3052,
0.3645

391.4219, 0.3107,

 5.0274, 0.3032,

0.3389

0.3733

459.2328, 0.3108,
0.3384

■ 2.2634, 0.2997,
0.3878

■ 0.7542, 0.2890,
0.4477

■ 91.9814, 0.3094,
0.3452

■ 91.9814, 0.3094,
0.3452

■ 87.0127, 0.3052,
0.3679

■ 97.4824, 0.3129,
0.3252

■ 82.7393, 0.3011,
0.3933

■ 79.1334, 0.2974,
0.4211

■ 76.1607, 0.2942,
0.4507

■ 73.7842, 0.2918,
0.4811

■ 71.9626, 0.2906,
0.5108

■ 70.6492, 0.2907,
0.5382

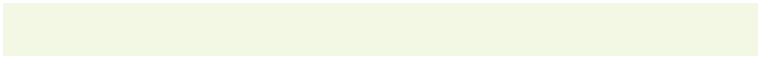
■ 69.7897, 0.2921,
0.5613

■ 69.3116, 0.2945,
0.5790

Harmonies

Analogous

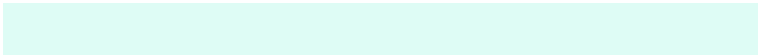
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9814, 0.3216, 0.3500



91.9814, 0.3094, 0.3452



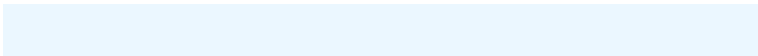
91.9814, 0.2983, 0.3358

Triad

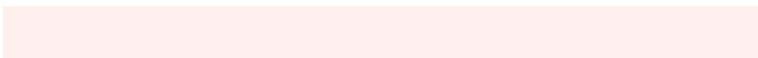
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9814, 0.3094, 0.3452



91.9814, 0.2941, 0.3094



91.9814, 0.3348, 0.3326

Complementary

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



91.9814, 0.3094, 0.3452



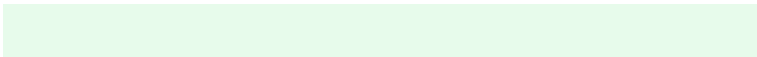
84.3531, 0.3162, 0.3133

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.



91.9814, 0.3272, 0.3222



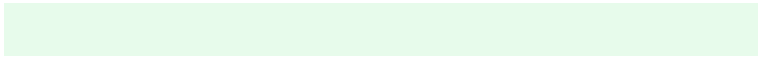
91.9814, 0.3094, 0.3452



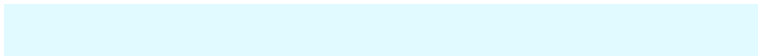
91.9814, 0.3036, 0.3089

Square

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



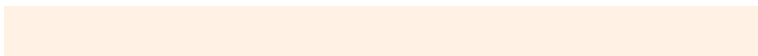
91.9814, 0.3094, 0.3452



91.9814, 0.2896, 0.3151



91.9814, 0.3157, 0.3136



91.9814, 0.3364, 0.3424

Rectangle

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



91.9814, 0.3094, 0.3452



91.9814, 0.2929, 0.3284



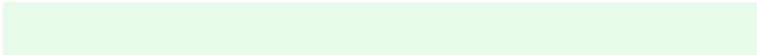
91.9814, 0.3157, 0.3136



91.9814, 0.3329, 0.3291

Sweetspot

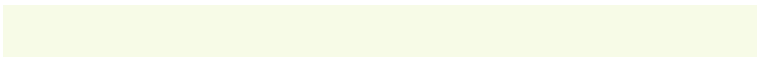
The Sweet Spot groups the original color and five complimentary colors.



91.9853, 0.3094, 0.3452



98.7866, 0.3119, 0.3329



94.5444, 0.3220, 0.3488



21.1571, 0.3119, 0.3327



0.0000, 0.0000, 0.0000



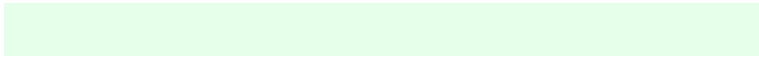
21.4041, 0.3127, 0.3290

Same Dimension

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



91.9853, 0.3094, 0.3452



94.2404, 0.3086, 0.3496



92.5773, 0.3037, 0.3350



19.3670, 0.3088, 0.3484



36.4087, 0.2943, 0.5796



3.3865, 0.2886, 0.5589

Inverse Universe

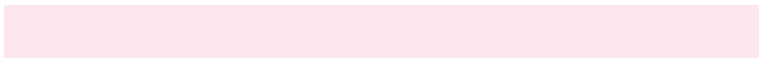
The Inverse Universe completely reimagines the original color for something new.



84.3531, 0.3162, 0.3133



84.4662, 0.3172, 0.3093



83.7548, 0.3226, 0.3231



17.4605, 0.3169, 0.3103



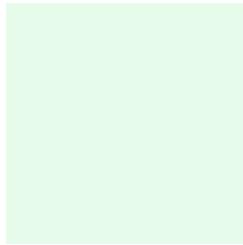
12.9929, 0.3803, 0.1868



1.2181, 0.3718, 0.1822

Previews

White Background



This preview shows how the Yxy color 91.9814, 0.3094, 0.3452 looks on a white background.

Color Contrast Check

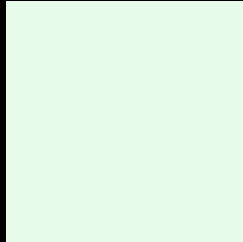
Large Text (above 18pt) WCAG AA × Fail

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 91.9814, 0.3094, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

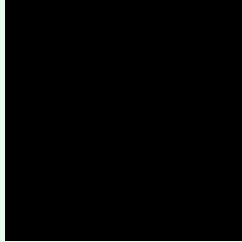
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

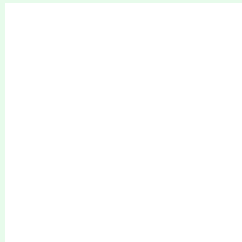
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9814, 0.3094, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 91.9814, 0.3094, 0.3452.

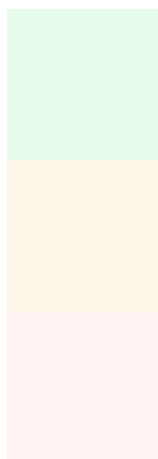


This preview shows how white text looks on a background with the Yxy color 91.9814, 0.3094, 0.3452.

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

91.9814, 0.3094, 0.3452

Protanopia

92.0137, 0.3259, 0.3418

Deuteranopia

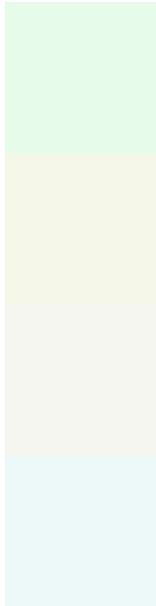
91.8322, 0.3206, 0.3290



Tritanopia

91.8323, 0.3043, 0.3201

Trichromacy



Original Color

91.9814, 0.3094, 0.3452

Protanomaly

91.8172, 0.3198, 0.3429

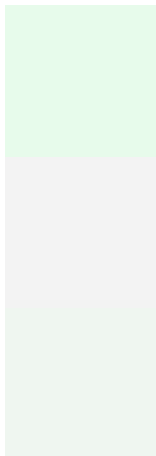
Deuteranomaly

91.7956, 0.3163, 0.3349

Tritanomaly

91.9166, 0.3058, 0.3290

Monochromacy



Original Color

91.9814, 0.3094, 0.3452

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5535, 0.3118, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9814, 0.3094, 0.3452 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(231, 251, 235)` looks like.

```
.text, #text, p{  
    color:rgb(231, 251, 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(231, 251, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 251, 235) }
```

Border

The CSS property to change the border of an element to Yxy 91.9814, 0.3094, 0.3452 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(231, 251, 235) }
```

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

```
.border{ border-color:rgb(231, 251, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 251, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 251, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 251, 235);  
box-shadow:4px 4px 4px 4px rgb(231, 251,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9814, 0.3094, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 251, 235) }
```

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

```
.background{ background-color: rgb(231,  
251, 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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