

Converting Colors

$Yxy(91.4715, 0.3110, 0.3452)$

Have a look what the booklet for
Yxy(91.4715, 0.3110, 0.3452)
contains.

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Color

Yxy(91.4675, 0.3107, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	E8FAEA
RGB	232, 250, 234
RGB Percent	91%, 98%, 92%
CMY	0.0901, 0.0196, 0.0823
CMYK	0.07, 0.00, 0.06, 0.02
HSL	127°, 64%, 95%
HSV	127°, 7%, 98%
XYZ	82.3260, 91.4675, 91.1760
YIQ	242.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

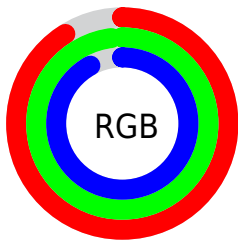
Format	Color
R _Y B	232, 248, 250
Decimal	15268586
CIE Lab	96.60, -8.74, 5.63
CIE LCh	97, 10.394, 147.200
Yxy	91.4675, 0.3107, 0.3452
Android (android.graphics.Color)	4293458666 (0xFFE8FAEA)
YUV	242.7940, -4.3354, -9.4663
Hunter-Lab	95.6386, -13.7143, 10.4236

Details

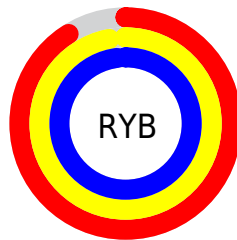
The Yxy color **91.4675, 0.3107, 0.3452** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8326, 0.3148, 0.3133**, and the grayscale version is **89.5013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0280, 0.3101, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **86.3817, 0.3078, 0.3704**, and if you desaturate by 10%, it is **96.8480, 0.3129, 0.3242**.

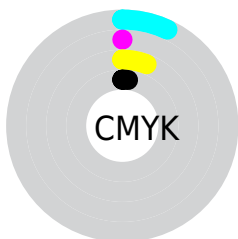
Distribution



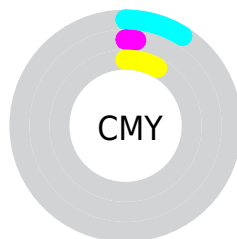
- Red (91%)
- Green (98%)
- Blue (92%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4675, 0.3107, 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 91.4675, 0.3107, 0.3452 by changing the saturation by 10% instead.

 91.4675, 0.3107,
0.3452

 91.4675, 0.3107,
0.3452

532.7931, 0.3116,
0.3379

 69.1984, 0.3105,
0.3468


149.3751, 0.3110,
0.3427

 50.8733, 0.3102,
0.3488


185.7825, 0.3112,
0.3417

 36.1078, 0.3099,
0.3513


227.6714, 0.3113,
0.3409

 24.5175, 0.3094,
0.3544

275.4263, 0.3114,
0.3401

 15.7179, 0.3088,
0.3586

329.4315, 0.3114,
0.3395

 9.3248, 0.3080,
0.3645

390.0714, 0.3115,

 4.9536, 0.3066,

0.3389

0.3734

457.7305, 0.3116,
0.3384

■ 2.2201, 0.3042,
0.3880

■ 0.7309, 0.2982,
0.4527

■ 91.4675, 0.3107,
0.3452

■ 91.4675, 0.3107,
0.3452

■ 86.3817, 0.3078,
0.3704

■ 96.8480, 0.3129,
0.3242

■ 82.0164, 0.3049,
0.3986

■ 78.3425, 0.3021,
0.4295

■ 75.3245, 0.2996,
0.4622

■ 72.9235, 0.2977,
0.4954

■ 71.0966, 0.2964,
0.5269

■ 69.7954, 0.2961,
0.5546

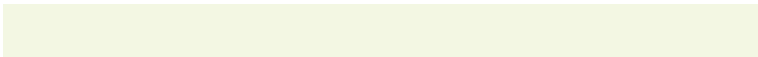
■ 68.9633, 0.2966,
0.5763

■ 68.5288, 0.2979,
0.5907

Harmonies

Analogous

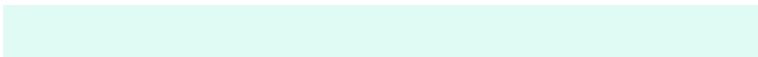
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4675, 0.3223, 0.3492



91.4675, 0.3107, 0.3452



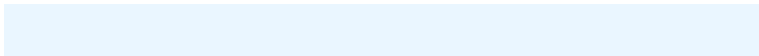
91.4675, 0.2998, 0.3366

Triad

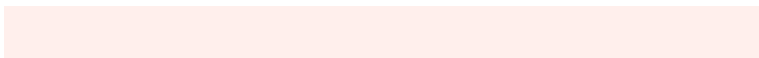
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4675, 0.3107, 0.3452



91.4675, 0.2942, 0.3105



91.4675, 0.3334, 0.3315

Complementary

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



91.4675, 0.3107, 0.3452



84.8326, 0.3148, 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.



91.4675, 0.3256, 0.3215



91.4675, 0.3107, 0.3452



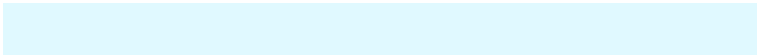
91.4675, 0.3029, 0.3095

Square

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



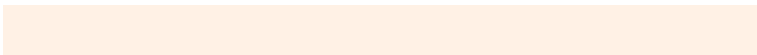
91.4675, 0.3107, 0.3452



91.4675, 0.2904, 0.3164



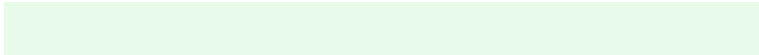
91.4675, 0.3144, 0.3136



91.4675, 0.3356, 0.3410

Rectangle

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



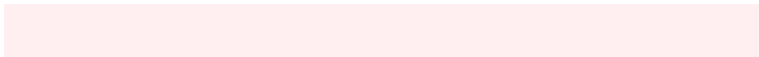
91.4675, 0.3107, 0.3452



91.4675, 0.2944, 0.3295



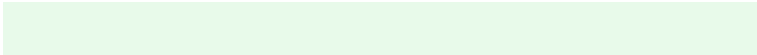
91.4675, 0.3144, 0.3136



91.4675, 0.3314, 0.3281

Sweetspot

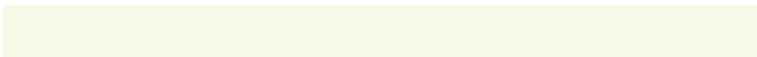
The Sweet Spot groups the original color and five complimentary colors.



91.4714, 0.3107, 0.3452



98.7569, 0.3122, 0.3334



94.1889, 0.3222, 0.3467



21.1511, 0.3122, 0.3331



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.



91.4714, 0.3107, 0.3452



94.6590, 0.3102, 0.3496



91.9890, 0.3056, 0.3362



19.3405, 0.3100, 0.3508



36.3201, 0.2978, 0.5921



3.3738, 0.2936, 0.5771

Inverse Universe

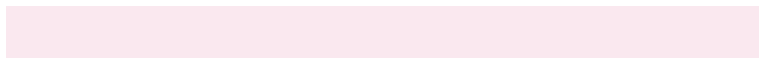
The Inverse Universe completely reimagines the original color for something new.



84.8326, 0.3148, 0.3133



86.0585, 0.3154, 0.3093



84.3000, 0.3204, 0.3219



17.4894, 0.3155, 0.3082



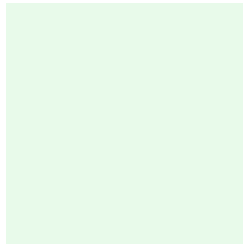
13.5990, 0.3511, 0.1708



1.2687, 0.3470, 0.1685

Previews

White Background



This preview shows how the Yxy color 91.4675, 0.3107, 0.3452 looks on a white background.

Color Contrast Check

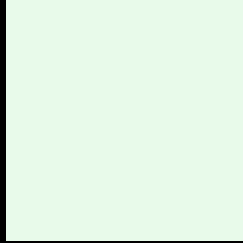
Large Text (above 18pt) WCAG AA × Fail

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 91.4675, 0.3107, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

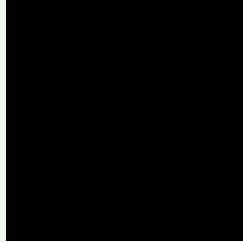
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

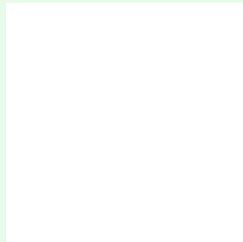
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4675, 0.3107, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 91.4675, 0.3107, 0.3452.

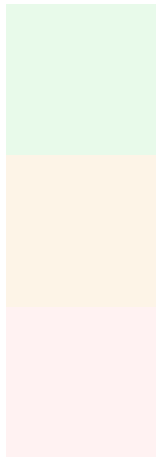


This preview shows how white text looks on a background with the Yxy color 91.4675, 0.3107, 0.3452.

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

91.4675, 0.3107, 0.3452

Protanopia

91.3535, 0.3266, 0.3418

Deuteranopia

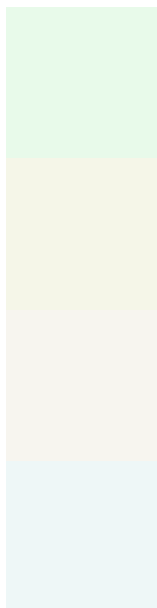
91.1751, 0.3212, 0.3290



Tritanopia

91.2256, 0.3043, 0.3192

Trichromacy



Original Color

91.4675, 0.3107, 0.3452

Protanomaly

91.1502, 0.3205, 0.3430

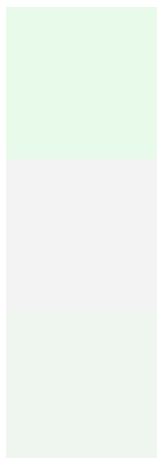
Deuteranomaly

91.3110, 0.3176, 0.3349

Tritanomaly

91.4141, 0.3070, 0.3290

Monochromacy



Original Color

91.4675, 0.3107, 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 91.4675, 0.3107, 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(232, 250, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 250, 234)  
}
```

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, 250, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 250, 234) }
```

Border

The CSS property to change the border of an element to Yxy 91.4675, 0.3107, 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(232, 250, 234) }
```

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

```
.border{ border-color:rgb(232, 250, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 250, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 250, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 250, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 250,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4675, 0.3107, 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(232, 250, 234) }
```

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

```
.background{ background-color: rgb(232,  
250, 234) }
```

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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