

Converting Colors

$Yxy(93.0001, 0.3147, 0.3438)$

Have a look what the booklet for
Yxy(93.0001, 0.3147, 0.3438)
contains.

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Color

Yxy(92.8946, 0.3152, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	F0FAEB
RGB	240, 250, 235
RGB Percent	94%, 98%, 92%
CMY	0.0588, 0.0196, 0.0785
CMYK	0.04, 0.00, 0.06, 0.02
HSL	100°, 60%, 95%
HSV	100°, 6%, 98%
XYZ	85.1174, 92.8946, 92.0305
YIQ	245.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

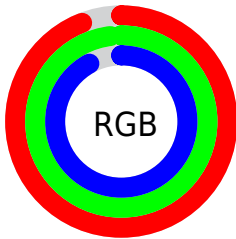
Format	Color
R_{YB}	235, 250, 245
Decimal	15792875
CIE _{Lab}	97.18, -5.92, 6.05
CIE _{LCh}	97, 8.464, 134.394
Yxy	92.8946, 0.3152, 0.3440
Android (android.graphics.Color)	4293982955 (0xFF0FAEB)
YUV	245.3000, -5.0779, -4.6481
Hunter-Lab	96.3818, -11.0301, 10.8541

Details

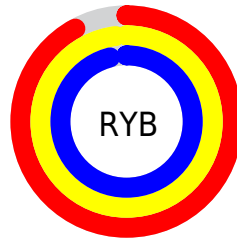
The Yxy color 92.8946, 0.3152, 0.3440 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.7202, 0.3101, 0.3142, and the grayscale version is 91.6103, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.0286, 0.3158, 0.3482 is the 20% darker color. If you saturate the color by 10%, you get 88.7745, 0.3192, 0.3711, and if you desaturate by 10%, it is 96.8536, 0.3129, 0.3242.

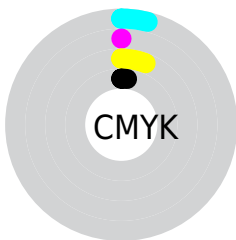
Distribution



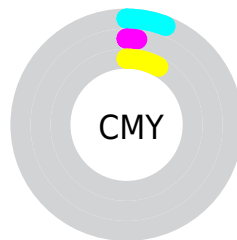
- Red (94%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8946, 0.3152, 0.3440 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 92.8946, 0.3152, 0.3440 by changing the saturation by 10% instead.

 92.8946, 0.3152,
0.3440

 92.8946, 0.3152,
0.3440

537.4026, 0.3141,
0.3373

 70.3839, 0.3154,
0.3455


151.3527, 0.3148,
0.3417

 51.8396, 0.3157,
0.3473


188.0689, 0.3147,
0.3408

 36.8772, 0.3160,
0.3495


230.2890, 0.3146,
0.3400

 25.1124, 0.3164,
0.3524

278.3974, 0.3145,
0.3394

 16.1608, 0.3170,
0.3562

332.7786, 0.3144,
0.3388

 9.6380, 0.3177,
0.3615

393.8170, 0.3143,

 5.1596, 0.3187,

0.3382

0.3694

461.8968, 0.3142,
0.3377

■ 2.3412, 0.3200,
0.3823

■ 0.7954, 0.3305,
0.4299

■ 92.8946, 0.3152,
0.3440

■ 92.8946, 0.3152,
0.3440

■ 88.7745, 0.3192,
0.3711

■ 96.8536, 0.3129,
0.3242

■ 85.1048, 0.3230,
0.4007

■ 81.8729, 0.3262,
0.4321

■ 79.0616, 0.3284,
0.4645

■ 76.6518, 0.3295,
0.4965

■ 74.6233, 0.3291,
0.5261

■ 72.9536, 0.3270,
0.5515

■ 71.6174, 0.3232,
0.5709

■ 70.5849, 0.3182,
0.5836

Harmonies

Analogous

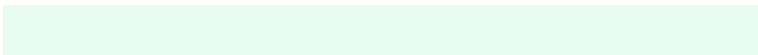
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8946, 0.3240, 0.3454



92.8946, 0.3152, 0.3440



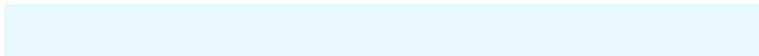
92.8946, 0.3058, 0.3384

Triad

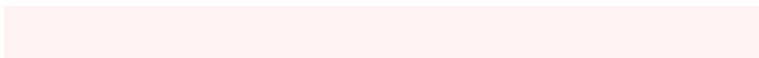
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.8946, 0.3152, 0.3440



92.8946, 0.2958, 0.3156



92.8946, 0.3273, 0.3275

Complementary

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



92.8946, 0.3152, 0.3440



85.7202, 0.3101, 0.3142

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.



92.8946, 0.3195, 0.3199



92.8946, 0.3152, 0.3440



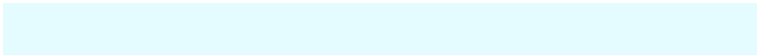
92.8946, 0.3014, 0.3130

Square

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



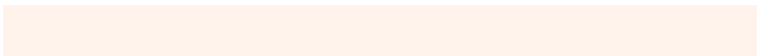
92.8946, 0.3152, 0.3440



92.8946, 0.2947, 0.3219



92.8946, 0.3100, 0.3146



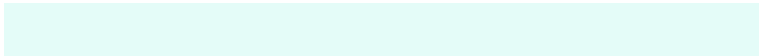
92.8946, 0.3311, 0.3357

Rectangle

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



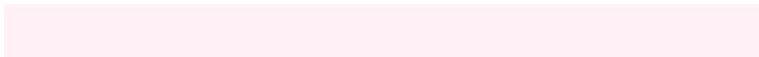
92.8946, 0.3152, 0.3440



92.8946, 0.3005, 0.3331



92.8946, 0.3100, 0.3146



92.8946, 0.3250, 0.3248

Sweetspot

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



92.8986, 0.3152, 0.3440



99.0380, 0.3135, 0.3339



91.4746, 0.3221, 0.3386



21.2083, 0.3135, 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.



92.8986, 0.3152, 0.3440



96.7200, 0.3156, 0.3466



92.1621, 0.3107, 0.3418



19.7639, 0.3159, 0.3481



37.3281, 0.3172, 0.5864



3.5127, 0.3261, 0.5792

Inverse Universe

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



85.7202, 0.3101, 0.3142



88.0198, 0.3096, 0.3116



86.4959, 0.3148, 0.3165



17.8391, 0.3093, 0.3101



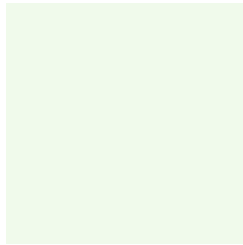
8.0623, 0.2379, 0.1084



0.8047, 0.2479, 0.1140

Previews

White Background



This preview shows how the Yxy color 92.8946, 0.3152, 0.3440 looks on a white background.

Color Contrast Check

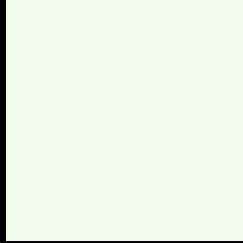
Large Text (above 18pt) WCAG AA × Fail

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 92.8946, 0.3152, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

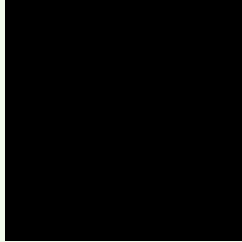
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

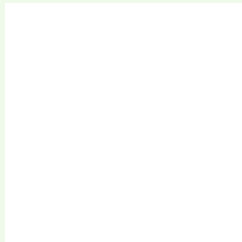
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8946, 0.3152, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 92.8946, 0.3152, 0.3440.

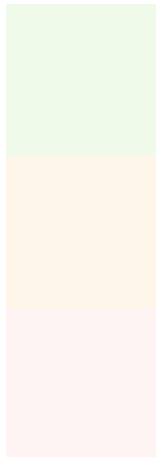


This preview shows how white text looks on a background with the Yxy color 92.8946, 0.3152, 0.3440.

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

92.8946, 0.3152, 0.3440

Protanopia

92.8656, 0.3258, 0.3417

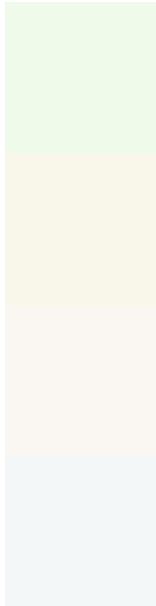
Deuteranopia

92.4930, 0.3199, 0.3290

Tritanopia

92.7244, 0.3074, 0.3202

Trichromacy



Original Color

92.8946, 0.3152, 0.3440

Protanomaly

92.6018, 0.3218, 0.3418

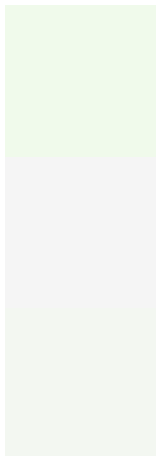
Deuteranomaly

92.5864, 0.3183, 0.3339

Tritanomaly

92.5319, 0.3102, 0.3280

Monochromacy



Original Color

92.8946, 0.3152, 0.3440

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.9271, 0.3137, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8946, 0.3152, 0.3440 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(240, 250, 235)` looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 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(240, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 235) }
```

Border

The CSS property to change the border of an element to Yxy 92.8946, 0.3152, 0.3440 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(240, 250, 235) }
```

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

```
.border{ border-color:rgb(240, 250, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 250, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8946, 0.3152, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 235) }
```

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

```
.background{ background-color: rgb(240,  
250, 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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