

Converting Colors

Yxy(94.4060, 0.3079, 0.3424)

Have a look what the booklet for
Yxy(94.4060, 0.3079, 0.3424)
contains.

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Color

Yxy(94.6673, 0.3083, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	EAFEFO
RGB	234, 254, 240
RGB Percent	92%, 100%, 94%
CMY	0.0826, 0.0038, 0.0587
CMYK	0.08, 0.00, 0.06, 0.00
HSL	138°, 91%, 96%
HSV	138°, 8%, 100%
XYZ	85.0902, 94.6673, 96.2405
YIQ	246.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

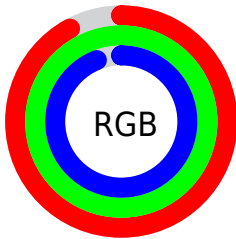
Format	Color
R_{YB}	234, 249, 254
Decimal	15400688
CIE _{Lab}	97.90, -9.06, 4.44
CIE _{LCh}	98, 10.087, 153.879
Yxy	94.6673, 0.3083, 0.3430
Android (android.graphics.Color)	4293590768 (0xFFEAFE _{F0})
YUV	246.4240, -3.1670, -10.8958
Hunter-Lab	97.2971, -14.1647, 9.4619

Details

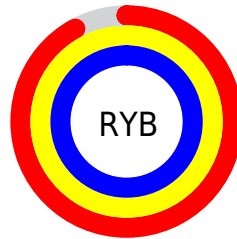
The Yxy color 94.6673, 0.3083, 0.3430 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6628, 0.3174, 0.3154, and the grayscale version is 92.5474, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8582, 0.3072, 0.3457 is the 20% darker color. If you saturate the color by 10%, you get 89.6748, 0.3027, 0.3628, and if you desaturate by 10%, it is 99.3757, 0.3128, 0.3281.

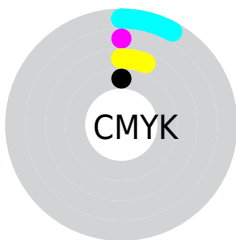
Distribution



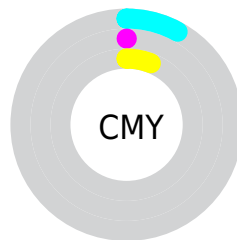
- Red (92%)
- Green (100%)
- Blue (94%)



- Red (92%)
- Yellow (98%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6673, 0.3083, 0.3430 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 94.6673, 0.3083, 0.3430 by changing the saturation by 10% instead.


 94.6673, 0.3083,
0.3430

 94.6673, 0.3083,
0.3430


543.0993, 0.3103,
0.3368

 71.8581, 0.3079,
0.3444


153.8049, 0.3090,
0.3409

 53.0428, 0.3073,
0.3461


190.9021, 0.3092,
0.3400

 37.8369, 0.3067,
0.3481


233.5307, 0.3095,
0.3393

 25.8561, 0.3058,
0.3508

282.0752, 0.3097,
0.3387

 16.7160, 0.3046,
0.3543

336.9199, 0.3099,
0.3381

 10.0322, 0.3031,
0.3592

398.4492, 0.3100,

 5.4203, 0.3007,

0.3376

0.3665

467.0475, 0.3102,
0.3372

■ 2.4959, 0.2968,
0.3783

■ 0.8746, 0.2869,
0.4113

■ 94.6673, 0.3083,
0.3430

■ 94.6673, 0.3083,
0.3430

■ 89.6748, 0.3027,
0.3628

99.3757, 0.3128,
0.3281

■ 85.3684, 0.2974,
0.3848

■ 81.7210, 0.2925,
0.4090

■ 78.6992, 0.2884,
0.4349

■ 76.2665, 0.2854,
0.4619

■ 74.3825, 0.2838,
0.4891

■ 73.0017, 0.2839,
0.5150

■ 72.0704, 0.2856,
0.5386

■ 71.5180, 0.2888,
0.5585

Harmonies

Analogous

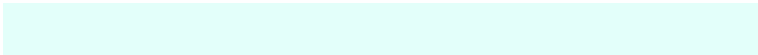
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6673, 0.3195, 0.3480



94.6673, 0.3083, 0.3430



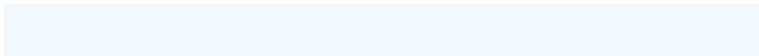
94.6673, 0.2984, 0.3341

Triad

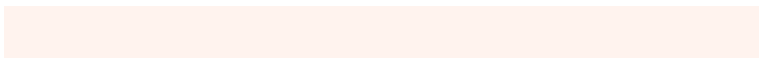
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.6673, 0.3083, 0.3430



94.6673, 0.2965, 0.3106



94.6673, 0.3335, 0.3336

Complementary

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



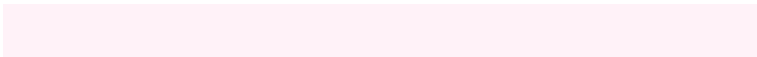
94.6673, 0.3083, 0.3430



86.6628, 0.3174, 0.3154

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.



94.6673, 0.3272, 0.3239



94.6673, 0.3083, 0.3430



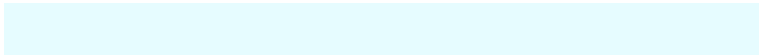
94.6673, 0.3057, 0.3108

Square

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



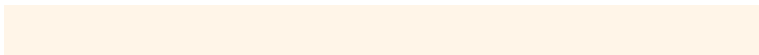
94.6673, 0.3083, 0.3430



94.6673, 0.2916, 0.3153



94.6673, 0.3169, 0.3156



94.6673, 0.3342, 0.3423

Rectangle

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



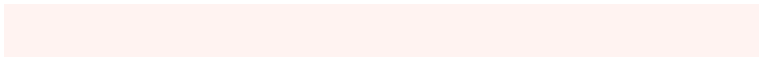
94.6673, 0.3083, 0.3430



94.6673, 0.2938, 0.3272



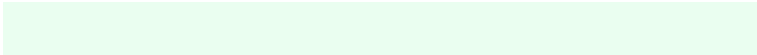
94.6673, 0.3169, 0.3156



94.6673, 0.3320, 0.3303

Sweetspot

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



94.6713, 0.3083, 0.3430



98.8186, 0.3116, 0.3324



96.7889, 0.3206, 0.3487



21.1636, 0.3117, 0.3322



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.



94.6713, 0.3083, 0.3430



94.9159, 0.3077, 0.3451



95.2812, 0.3027, 0.3330



20.2587, 0.3074, 0.3460



37.6750, 0.2887, 0.5593



3.6867, 0.2825, 0.5370

Inverse Universe

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



86.6628, 0.3174, 0.3154



85.7821, 0.3181, 0.3135



86.0597, 0.3238, 0.3251



18.2012, 0.3185, 0.3126



12.8125, 0.4159, 0.2065



1.2669, 0.4024, 0.1990

Previews

White Background



This preview shows how the Yxy color 94.6673, 0.3083, 0.3430 looks on a white background.

Color Contrast Check

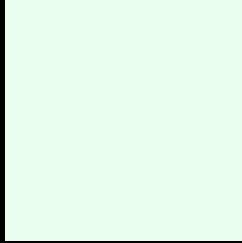
Large Text (above 18pt) WCAG AA × Fail

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 94.6673, 0.3083, 0.3430 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

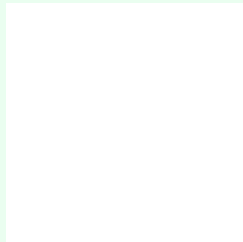
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6673, 0.3083, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 94.6673, 0.3083, 0.3430.

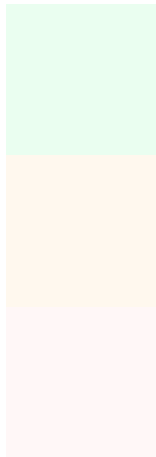


This preview shows how white text looks on a background with the Yxy color 94.6673, 0.3083, 0.3430.

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

94.6673, 0.3083, 0.3430

Protanopia

94.5678, 0.3232, 0.3387

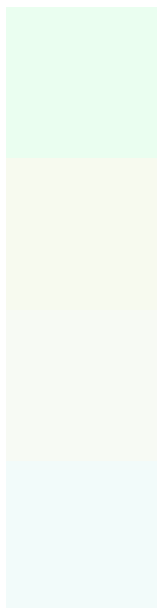
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

94.5642, 0.3073, 0.3232

Trichromacy



Original Color

94.6673, 0.3083, 0.3430

Protanomaly

94.3774, 0.3173, 0.3398

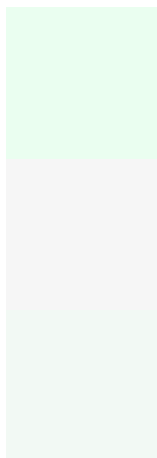
Deuteranomaly

94.6770, 0.3143, 0.3349

Tritanomaly

94.7737, 0.3077, 0.3300

Monochromacy



Original Color

94.6673, 0.3083, 0.3430

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

93.1603, 0.3112, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6673, 0.3083, 0.3430 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, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(234, 254, 240)  
}
```

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, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 254, 240) }
```

Border

The CSS property to change the border of an element to Yxy 94.6673, 0.3083, 0.3430 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, 254, 240) }
```

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

```
.border{ border-color:rgb(234, 254, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 254, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(234, 254,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6673, 0.3083, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 254, 240) }
```

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

```
.background{ background-color: rgb(234,  
254, 240) }
```

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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