

Converting Colors

Yxy(93.1864, 0.3019, 0.3324)

Have a look what the booklet for
Yxy(93.1864, 0.3019, 0.3324)
contains.

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Color

Yxy(93.3870, 0.3020, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	E7FCF8
RGB	231, 252, 248
RGB Percent	91%, 99%, 97%
CMY	0.0943, 0.0117, 0.0275
CMYK	0.08, 0.00, 0.02, 0.01
HSL	169°, 78%, 95%
HSV	169°, 8%, 99%
XYZ	84.6933, 93.3870, 102.3611
YIQ	245.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

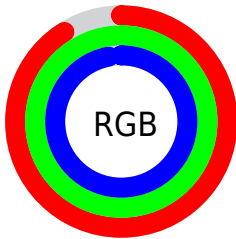
Format	Color
R _{YB}	231, 243, 252
Decimal	15203576
CIE Lab	97.38, -7.58, -0.43
CIE LCh	97, 7.596, 183.275
Yxy	93.3870, 0.3020, 0.3330
Android (android.graphics.Color)	4293393656 (0xFFE7FCF8)
YUV	245.2650, 1.3484, -12.5104
Hunter-Lab	96.6369, -12.6760, 4.8439

Details

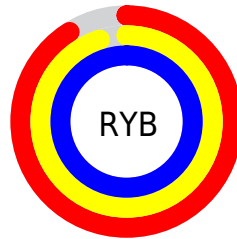
The Yxy color **93.3870, 0.3020, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.8159, 0.3246, 0.3250**, and the grayscale version is **91.5258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9499, 0.2992, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **89.2010, 0.2897, 0.3382**, and if you desaturate by 10%, it is **97.9745, 0.3141, 0.3283**.

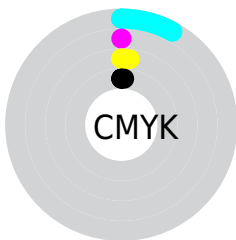
Distribution



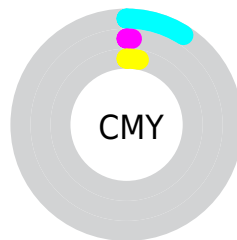
- Red (91%)
- Green (99%)
- Blue (97%)



- Red (91%)
- Yellow (95%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





- Cyan (9%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3870, 0.3020, 0.3330 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 93.3870, 0.3020, 0.3330 by changing the saturation by 10% instead.


 93.3870, 0.3020,
0.3330

 93.3870, 0.3020,
0.3330

538.9881, 0.3067,
0.3312

 70.7932, 0.3010,
0.3334


152.0343, 0.3036,
0.3324

 52.1735, 0.2997,
0.3338


188.8566, 0.3042,
0.3322

 37.1434, 0.2982,
0.3344


231.1905, 0.3048,
0.3320

 25.3185, 0.2962,
0.3351


279.4204, 0.3053,
0.3318

 16.3145, 0.2936,
0.3361

333.9307, 0.3057,
0.3316

 9.7470, 0.2900,
0.3374

395.1059, 0.3061,

 5.2315, 0.2848,

0.3315

0.3393

463.3302, 0.3064,
0.3314

■ 2.3837, 0.2766,
0.3423

■ 0.8175, 0.2540,
0.3509

■ 93.3870, 0.3020,
0.3330

■ 93.3870, 0.3020,
0.3330

■ 89.2010, 0.2897,
0.3382


■ 97.9745, 0.3141,
0.3283

■ 85.5968, 0.2782,
0.3439

■ 98.1147, 0.3128,
0.3262


■ 82.5506, 0.2679,
0.3500


■ 80.0327, 0.2590,
0.3565

 78.0104, 0.2518,
0.3633

 76.4475, 0.2465,
0.3702

 75.3024, 0.2432,
0.3772

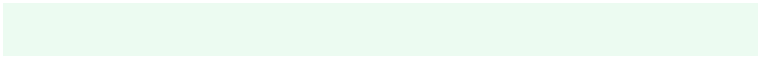
 74.5265, 0.2418,
0.3843

 74.0514, 0.2422,
0.3912

Harmonies

Analogous

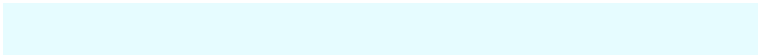
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3870, 0.3096, 0.3397



93.3870, 0.3020, 0.3330



93.3870, 0.2973, 0.3253

Triad

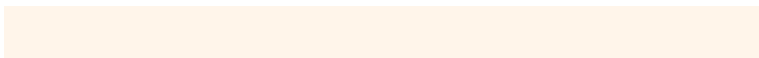
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3870, 0.3020, 0.3330



93.3870, 0.3072, 0.3151



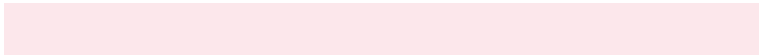
93.3870, 0.3290, 0.3390

Complementary

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



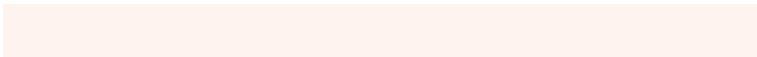
93.3870, 0.3020, 0.3330



83.8159, 0.3246, 0.3250

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.



93.3870, 0.3284, 0.3324



93.3870, 0.3020, 0.3330



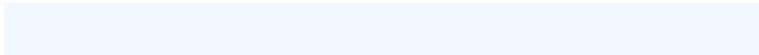
93.3870, 0.3157, 0.3187

Square

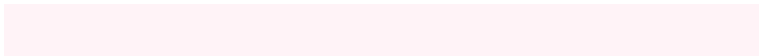
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.3870, 0.3020, 0.3330



93.3870, 0.3003, 0.3151



93.3870, 0.3235, 0.3250



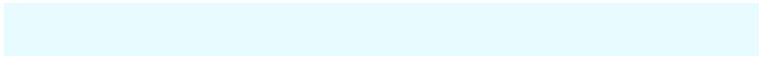
93.3870, 0.3252, 0.3431

Rectangle

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



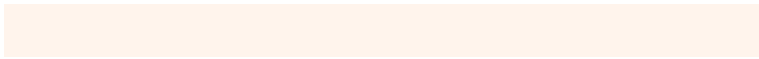
93.3870, 0.3020, 0.3330



93.3870, 0.2964, 0.3207



93.3870, 0.3235, 0.3250



93.3870, 0.3293, 0.3370

Sweetspot

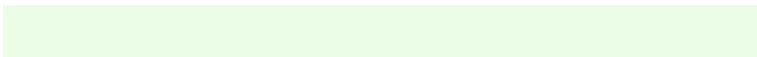
The Sweet Spot groups the original color and five complimentary colors.



93.3909, 0.3020, 0.3330



98.4840, 0.3088, 0.3304



93.0902, 0.3144, 0.3503



20.9950, 0.3078, 0.3308



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

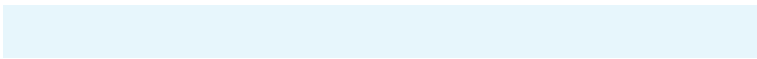
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3909, 0.3020, 0.3330



95.1704, 0.2999, 0.3338



89.7372, 0.2997, 0.3226



19.5483, 0.3006, 0.3336



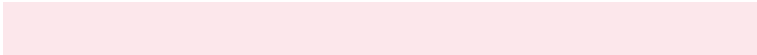
38.5539, 0.2420, 0.3911



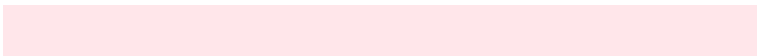
3.5849, 0.2397, 0.3828

Inverse Universe

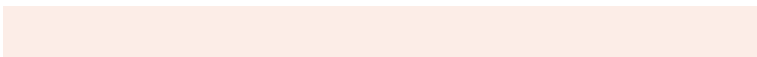
The Inverse Universe completely reimagines the original color for something new.



83.8159, 0.3246, 0.3250



83.5378, 0.3272, 0.3242



87.1887, 0.3266, 0.3353



17.2794, 0.3264, 0.3245



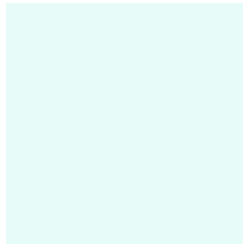
10.9083, 0.6101, 0.3134



1.0243, 0.5791, 0.2964

Previews

White Background



This preview shows how the Yxy color 93.3870, 0.3020, 0.3330 looks on a white background.

Color Contrast Check

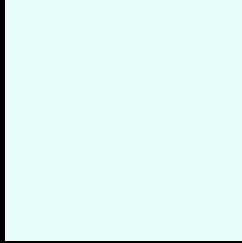
Large Text (above 18pt) WCAG AA × Fail

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 93.3870, 0.3020, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

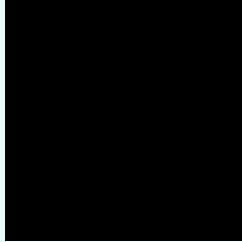
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

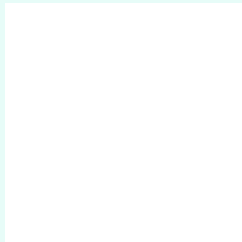
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3870, 0.3020, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 93.3870, 0.3020, 0.3330.

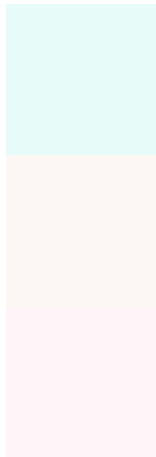


This preview shows how white text looks on a background with the Yxy color 93.3870, 0.3020, 0.3330.

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

93.3870, 0.3020, 0.3330

Protanopia

93.1996, 0.3172, 0.3300

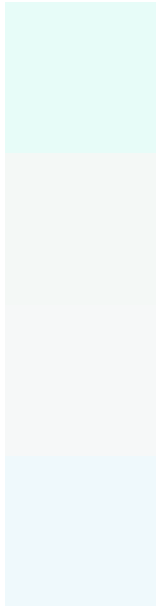
Deuteranopia

93.3421, 0.3174, 0.3261

Tritanopia

93.4095, 0.3055, 0.3221

Trichromacy



Original Color

93.3870, 0.3020, 0.3330

Protanomaly

93.0217, 0.3114, 0.3310

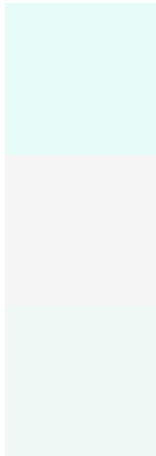
Deuteranomaly

93.5049, 0.3114, 0.3290

Tritanomaly

93.1304, 0.3047, 0.3260

Monochromacy



Original Color

93.3870, 0.3020, 0.3330

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.3139, 0.3088, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3870, 0.3020, 0.3330 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, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(231, 252, 248)  
}
```

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, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 252, 248) }
```

Border

The CSS property to change the border of an element to Yxy 93.3870, 0.3020, 0.3330 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, 252, 248) }
```

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

```
.border{ border-color:rgb(231, 252, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 252, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 252, 248);  
box-shadow:4px 4px 4px 4px rgb(231, 252,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3870, 0.3020, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 252, 248) }
```

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

```
.background{ background-color: rgb(231,  
252, 248) }
```

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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