

Converting Colors

$Yxy(90.9353, 0.3022, 0.3298)$

Have a look what the booklet for
Yxy(90.9353, 0.3022, 0.3298)
contains.

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Color

Yxy(90.8391, 0.3026, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	E7F8F7
RGB	231, 248, 247
RGB Percent	91%, 97%, 97%
CMY	0.0943, 0.0274, 0.0314
CMYK	0.07, 0.00, 0.00, 0.03
HSL	176°, 55%, 94%
HSV	176°, 7%, 97%
XYZ	83.2967, 90.8391, 101.1342
YIQ	242.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

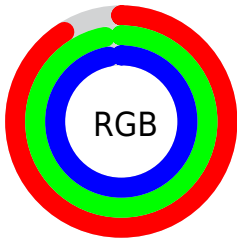
Format	Color
R _Y B	231, 240, 248
Decimal	15202551
CIE Lab	96.34, -5.76, -1.44
CIE LCh	96, 5.935, 194.063
Yxy	90.8391, 0.3026, 0.3300
Android (android.graphics.Color)	4293392631 (0xFFE7F8F7)
YUV	242.8030, 2.0691, -10.3512
Hunter-Lab	95.3095, -10.7899, 3.8033

Details

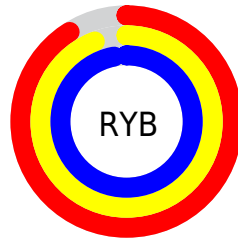
The Yxy color **90.8391, 0.3026, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.9065, 0.3238, 0.3280**, and the grayscale version is **89.4478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5748, 0.2999, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **86.9138, 0.2885, 0.3316**, and if you desaturate by 10%, it is **95.2154, 0.3169, 0.3286**.

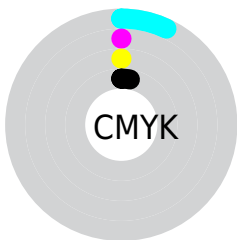
Distribution



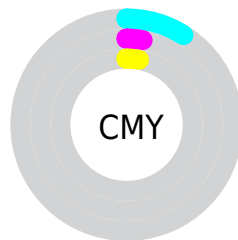
- Red (91%)
- Green (97%)
- Blue (97%)



- Red (91%)
- Yellow (94%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.8391, 0.3026, 0.3300 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 90.8391, 0.3026, 0.3300 by changing the saturation by 10% instead.


 90.8391, 0.3026,
0.3300

 90.8391, 0.3026,
0.3300


530.7566, 0.3071,
0.3296

 68.6768, 0.3016,
0.3301


148.5034, 0.3041,
0.3299

 50.4485, 0.3004,
0.3302


184.7742, 0.3047,
0.3298

 35.7699, 0.2989,
0.3303


226.5166, 0.3053,
0.3298

 24.2566, 0.2970,
0.3305

274.1150, 0.3057,
0.3297

 15.5240, 0.2945,
0.3307

327.9538, 0.3061,
0.3297

 9.1880, 0.2911,
0.3310

388.4174, 0.3065,

 4.8640, 0.2861,

0.3296

0.3313

455.8902, 0.3068,
0.3296

■ 2.1677, 0.2780,
0.3319

■ 0.7023, 0.2516,
0.3353

■ 90.8391, 0.3026,
0.3300

■ 90.8391, 0.3026,
0.3300

■ 86.9138, 0.2885,
0.3316

■ 95.2154, 0.3169,
0.3286

■ 83.5456, 0.2754,
0.3333


■ 95.3085, 0.3160,
0.3271

■ 80.7122, 0.2636,
0.3351


■ 95.4023, 0.3151,
0.3257

■ 78.3853, 0.2534,
0.3370


■ 95.4969, 0.3142,
0.3243


 76.5340, 0.2449,
0.3390


 95.5922, 0.3134,
0.3229

 75.1241, 0.2383,
0.3410

 95.6279, 0.3130,
0.3223

 74.1166, 0.2338,
0.3430

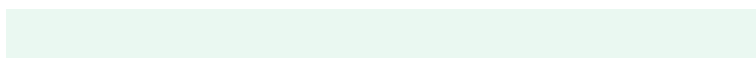
 73.4661, 0.2311,
0.3451

 73.1145, 0.2300,
0.3471

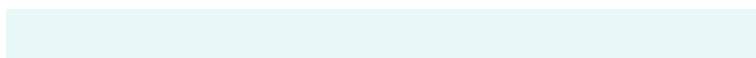
Harmonies

Analogous

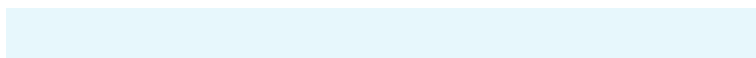
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8391, 0.3079, 0.3357



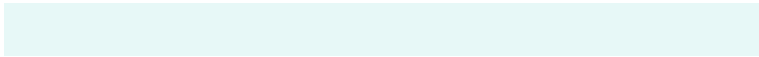
90.8391, 0.3026, 0.3300



90.8391, 0.3000, 0.3241

Triad

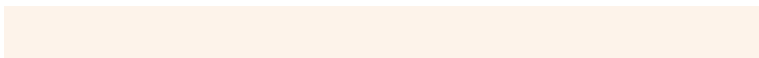
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.8391, 0.3026, 0.3300



90.8391, 0.3108, 0.3187



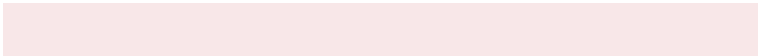
90.8391, 0.3249, 0.3384

Complementary

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



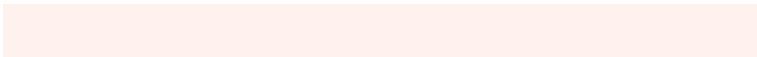
90.8391, 0.3026, 0.3300



82.9065, 0.3238, 0.3280

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.



90.8391, 0.3256, 0.3337



90.8391, 0.3026, 0.3300



90.8391, 0.3175, 0.3225

Square

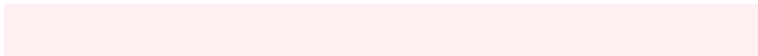
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.8391, 0.3026, 0.3300



90.8391, 0.3047, 0.3177



90.8391, 0.3229, 0.3279



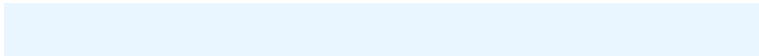
90.8391, 0.3208, 0.3405

Rectangle

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



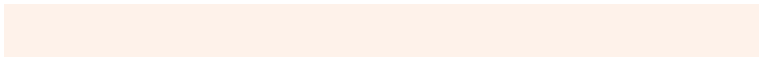
90.8391, 0.3026, 0.3300



90.8391, 0.3001, 0.3209



90.8391, 0.3229, 0.3279



90.8391, 0.3255, 0.3370

Sweetspot

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



90.8429, 0.3026, 0.3300



99.0258, 0.3097, 0.3293



90.0843, 0.3126, 0.3464



21.2058, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

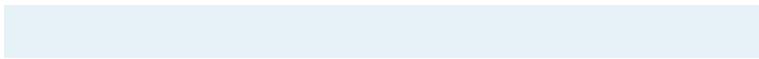
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8429, 0.3026, 0.3300



96.2555, 0.3010, 0.3302



86.4456, 0.3021, 0.3215



19.5895, 0.2988, 0.3304



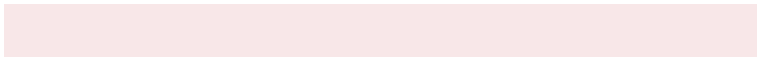
39.4551, 0.2298, 0.3474



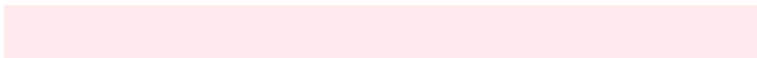
3.6595, 0.2292, 0.3450

Inverse Universe

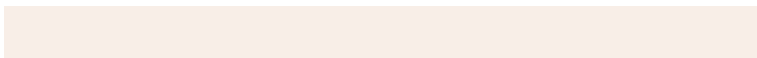
The Inverse Universe completely reimagines the original color for something new.



82.9065, 0.3238, 0.3280



86.4939, 0.3258, 0.3278



87.0771, 0.3238, 0.3364



17.2421, 0.3285, 0.3276



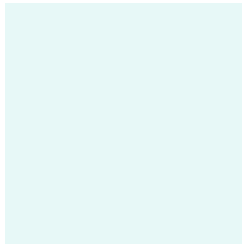
10.8054, 0.6339, 0.3266



1.0065, 0.6193, 0.3185

Previews

White Background



This preview shows how the Yxy color 90.8391, 0.3026, 0.3300 looks on a white background.

Color Contrast Check

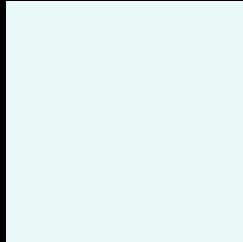
Large Text (above 18pt) WCAG AA × Fail

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 90.8391, 0.3026, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

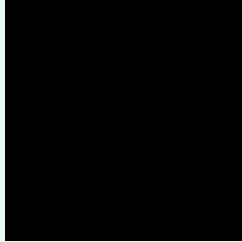
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

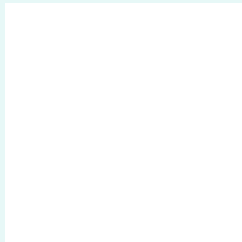
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.8391, 0.3026, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 90.8391, 0.3026, 0.3300.

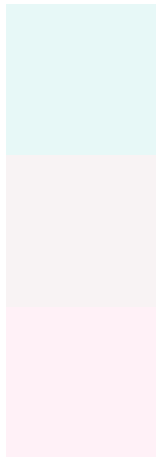


This preview shows how white text looks on a background with the Yxy color 90.8391, 0.3026, 0.3300.

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

90.8391, 0.3026, 0.3300

Protanopia

90.5893, 0.3154, 0.3280

Deuteranopia

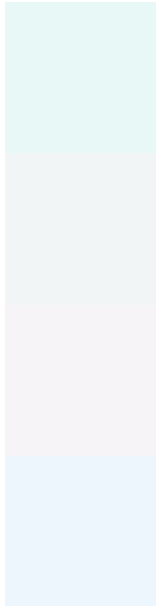
90.8860, 0.3182, 0.3232



Tritanopia

90.8755, 0.3030, 0.3191

Trichromacy



Original Color

90.8391, 0.3026, 0.3300

Protanomaly

90.7746, 0.3108, 0.3290

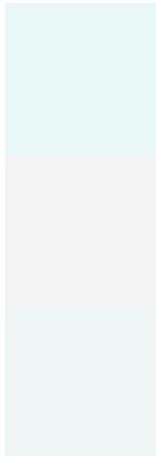
Deuteranomaly

91.0096, 0.3122, 0.3261

Tritanomaly

90.7727, 0.3029, 0.3230

Monochromacy



Original Color

90.8391, 0.3026, 0.3300

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.1872, 0.3095, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8391, 0.3026, 0.3300 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, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 248, 247)  
}
```

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, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 248, 247) }
```

Border

The CSS property to change the border of an element to Yxy 90.8391, 0.3026, 0.3300 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, 248, 247) }
```

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

```
.border{ border-color:rgb(231, 248, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 248, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 248,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8391, 0.3026, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 248, 247) }
```

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

```
.background{ background-color: rgb(231,  
248, 247) }
```

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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