

Converting Colors

Yxy(94.9974, 0.3015, 0.3366)

Have a look what the booklet for
Yxy(94.9974, 0.3015, 0.3366)
contains.

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Color

Yxy(95.0584, 0.3020, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFF7
RGB	230, 255, 247
RGB Percent	90%, 100%, 97%
CMY	0.0979, 0.0000, 0.0315
CMYK	0.10, 0.00, 0.03, 0.00
HSL	161°, 100%, 95%
HSV	161°, 10%, 100%
XYZ	85.1859, 95.0584, 101.8281
YIQ	246.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

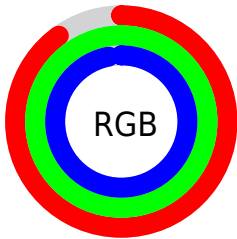
Format	Color
R _Y B	230, 245, 255
Decimal	15138807
CIE Lab	98.06, -9.55, 1.07
CIE LCh	98, 9.611, 173.631
Yxy	95.0584, 0.3020, 0.3370
Android (android.graphics.Color)	4293328887 (0xFFE6FFF7)
YUV	246.6130, 0.1908, -14.5696
Hunter-Lab	97.4979, -14.6623, 6.3252

Details

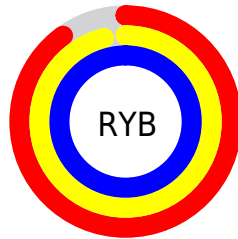
The Yxy color **95.0584, 0.3020, 0.3370** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84.0507, 0.3247, 0.3211**, and the grayscale version is **92.6928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1484, 0.2992, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **90.6514, 0.2915, 0.3461**, and if you desaturate by 10%, it is **99.9999, 0.3127, 0.3290**.

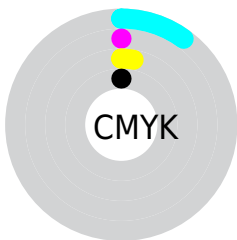
Distribution



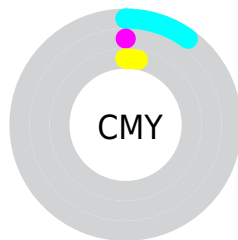
- Red (90%)
- Green (100%)
- Blue (97%)



- Red (90%)
- Yellow (96%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0584, 0.3020, 0.3370 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 95.0584, 0.3020, 0.3370 by changing the saturation by 10% instead.

 95.0584, 0.3020,
0.3370

 95.0584, 0.3020,
0.3370


544.3519, 0.3067,
0.3335

 72.1836, 0.3010,
0.3378


154.3453, 0.3036,
0.3358

 53.3087, 0.2997,
0.3387


191.5261, 0.3042,
0.3353

 38.0492, 0.2982,
0.3399


234.2445, 0.3048,
0.3349

 26.0209, 0.2962,
0.3414

282.8846, 0.3053,
0.3346

 16.8393, 0.2936,
0.3433

337.8311, 0.3057,
0.3342

 10.1200, 0.2901,
0.3460

399.4682, 0.3061,

 5.4786, 0.2849,

0.3340

0.3499

468.1803, 0.3064,
0.3337

■ 2.5307, 0.2767,
0.3562

■ 0.8920, 0.2557,
0.3712

■ 95.0584, 0.3020,
0.3370

■ 95.0584, 0.3020,
0.3370


■ 90.6514, 0.2915,
0.3461


99.9999, 0.3127,
0.3290

■ 86.8529, 0.2816,
0.3560


■ 83.6379, 0.2728,
0.3667


■ 80.9751, 0.2653,
0.3781

 78.8302, 0.2595,
0.3901

 77.1651, 0.2555,
0.4024

 75.9358, 0.2535,
0.4149

 75.0905, 0.2536,
0.4274

 74.5462, 0.2555,
0.4396

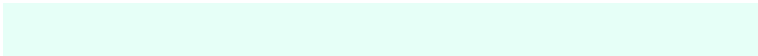
Harmonies

Analogous

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



95.0584, 0.3122, 0.3445



95.0584, 0.3020, 0.3370



95.0584, 0.2948, 0.3274

Triad

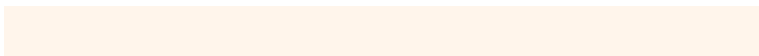
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.0584, 0.3020, 0.3370



95.0584, 0.3027, 0.3111



95.0584, 0.3336, 0.3391

Complementary

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



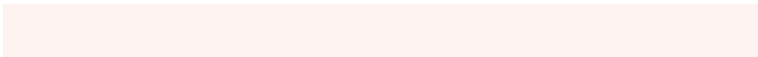
95.0584, 0.3020, 0.3370



84.0507, 0.3247, 0.3211

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.



95.0584, 0.3310, 0.3302



95.0584, 0.3020, 0.3370



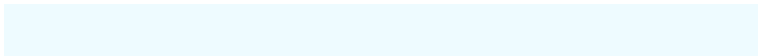
95.0584, 0.3130, 0.3142

Square

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



95.0584, 0.3020, 0.3370



95.0584, 0.2951, 0.3125



95.0584, 0.3234, 0.3212



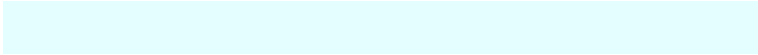
95.0584, 0.3305, 0.3455

Rectangle

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



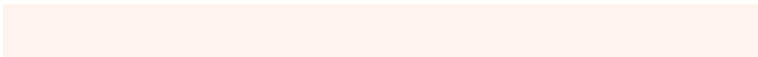
95.0584, 0.3020, 0.3370



95.0584, 0.2925, 0.3212



95.0584, 0.3234, 0.3212



95.0584, 0.3334, 0.3363

Sweetspot

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



95.0624, 0.3020, 0.3370



98.4204, 0.3094, 0.3314



95.4742, 0.3167, 0.3540



20.9778, 0.3085, 0.3320



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

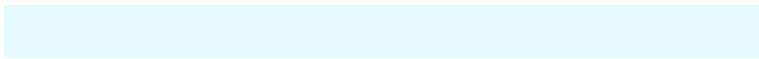
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0624, 0.3020, 0.3370



94.0334, 0.2996, 0.3389



92.9429, 0.2975, 0.3248



20.3762, 0.3023, 0.3368



38.9752, 0.2550, 0.4378



3.8149, 0.2511, 0.4238

Inverse Universe

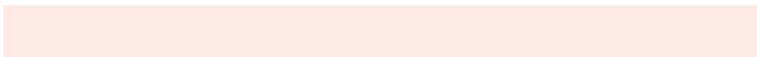
The Inverse Universe completely reimagines the original color for something new.



84.0507, 0.3247, 0.3211



80.7411, 0.3278, 0.3193



85.9330, 0.3296, 0.3332



18.0834, 0.3243, 0.3214



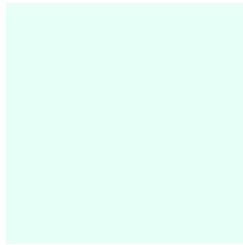
11.4514, 0.5690, 0.2908



1.1340, 0.5371, 0.2732

Previews

White Background



This preview shows how the Yxy color 95.0584, 0.3020, 0.3370 looks on a white background.

Color Contrast Check

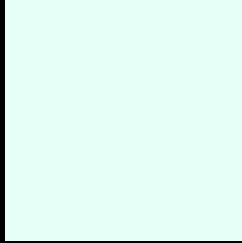
Large Text (above 18pt) WCAG AA × Fail

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 95.0584, 0.3020, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

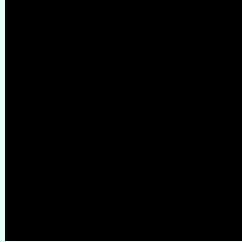
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

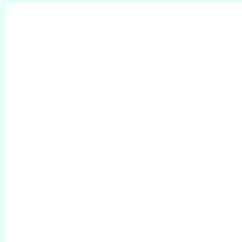
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0584, 0.3020, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 95.0584, 0.3020, 0.3370.

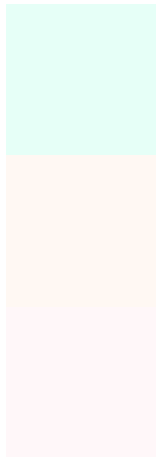


This preview shows how white text looks on a background with the Yxy color 95.0584, 0.3020, 0.3370.

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

95.0584, 0.3020, 0.3370

Protanopia

94.8659, 0.3202, 0.3338

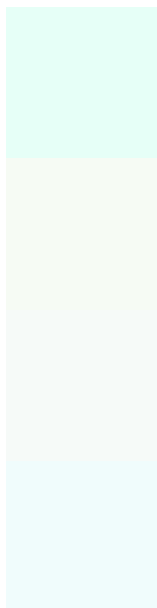
Deuteranopia

94.6211, 0.3166, 0.3271

Tritanopia

95.0037, 0.3067, 0.3241

Trichromacy



Original Color

95.0584, 0.3020, 0.3370

Protanomaly

95.1188, 0.3137, 0.3359

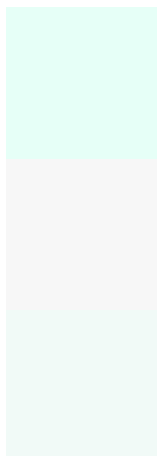
Deuteranomaly

94.7414, 0.3114, 0.3309

Tritanomaly

95.1743, 0.3053, 0.3290

Monochromacy



Original Color

95.0584, 0.3020, 0.3370

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7874, 0.3088, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0584, 0.3020, 0.3370 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(230, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 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(230, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 247) }
```

Border

The CSS property to change the border of an element to Yxy 95.0584, 0.3020, 0.3370 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(230, 255, 247) }
```

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

```
.border{ border-color:rgb(230, 255, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0584, 0.3020, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 247) }
```

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

```
.background{ background-color: rgb(230,  
255, 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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