

Converting Colors

$Yxy(96.3362, 0.3096, 0.3357)$

Have a look what the booklet for
Yxy(96.3362, 0.3096, 0.3357)
contains.

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Color

Yxy(96.4763, 0.3093, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	F2FEF7
RGB	242, 254, 247
RGB Percent	95%, 100%, 97%
CMY	0.0511, 0.0039, 0.0315
CMYK	0.05, 0.00, 0.03, 0.00
HSL	145°, 86%, 97%
HSV	145°, 5%, 100%
XYZ	88.8363, 96.4763, 101.9047
YIQ	249.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

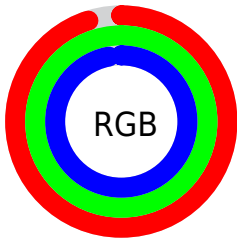
Format	Color
R _Y B	242, 250, 254
Decimal	15924983
CIE Lab	98.62, -5.19, 1.99
CIE LCh	99, 5.562, 159.034
Yxy	96.4763, 0.3093, 0.3359
Android (android.graphics.Color)	4294115063 (0xFF F2FE F7)
YUV	249.6140, -1.2887, -6.6775
Hunter-Lab	98.2223, -10.4464, 7.2429

Details

The Yxy color 96.4763, 0.3093, 0.3359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.4036, 0.3163, 0.3222, and the grayscale version is 95.2747, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.1332, 0.3084, 0.3365 is the 20% darker color. If you saturate the color by 10%, you get 91.4121, 0.3022, 0.3518, and if you desaturate by 10%, it is 99.3748, 0.3128, 0.3281.

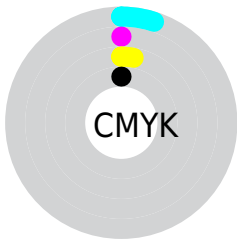
Distribution



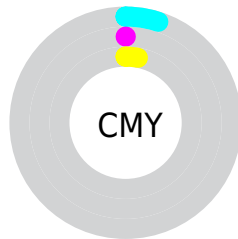
- Red (95%)
- Green (100%)
- Blue (97%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.4763, 0.3093, 0.3359 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 96.4763, 0.3093, 0.3359 by changing the saturation by 10% instead.

 96.4763, 0.3093,
0.3359

 96.4763, 0.3093,
0.3359

548.8805, 0.3108,
0.3329

 73.3643, 0.3090,
0.3366


156.3026, 0.3098,
0.3349

 54.2739, 0.3086,
0.3374


193.7857, 0.3100,
0.3345

 38.8207, 0.3081,
0.3384


236.8280, 0.3102,
0.3341

 26.6203, 0.3074,
0.3396

285.8138, 0.3103,
0.3338

 17.2882, 0.3066,
0.3413

341.1275, 0.3105,
0.3335

 10.4402, 0.3055,
0.3436

403.1536, 0.3106,

 5.6918, 0.3038,

0.3333

0.3470

472.2765, 0.3107,
0.3331

■ 2.6586, 0.3011,
0.3523

■ 0.9562, 0.2960,
0.3627

■ 96.4763, 0.3093,
0.3359

■ 96.4763, 0.3093,
0.3359

■ 91.4121, 0.3022,
0.3518

99.3748, 0.3128,
0.3281

■ 87.0139, 0.2953,
0.3695

■ 83.2569, 0.2889,
0.3891

■ 80.1097, 0.2834,
0.4102

■ 77.5382, 0.2791,
0.4327

■ 75.5051, 0.2763,
0.4558

■ 73.9682, 0.2753,
0.4789

■ 72.8788, 0.2763,
0.5012

■ 72.1771, 0.2791,
0.5218

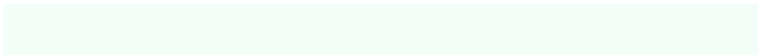
Harmonies

Analogous

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



96.4763, 0.3155, 0.3391



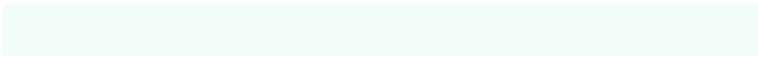
96.4763, 0.3093, 0.3359



96.4763, 0.3041, 0.3309

Triad

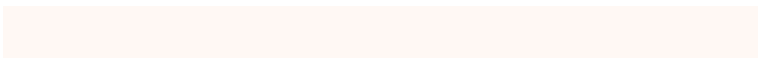
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.4763, 0.3093, 0.3359



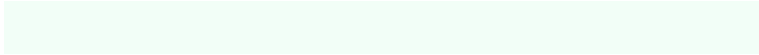
96.4763, 0.3045, 0.3187



96.4763, 0.3244, 0.3325

Complementary

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



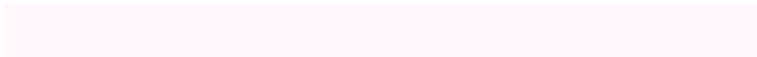
96.4763, 0.3093, 0.3359



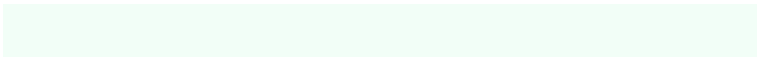
91.4036, 0.3163, 0.3222

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.



96.4763, 0.3214, 0.3271



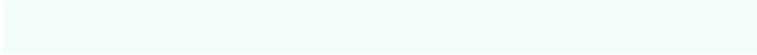
96.4763, 0.3093, 0.3359



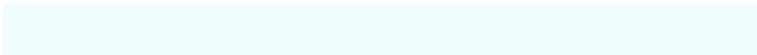
96.4763, 0.3099, 0.3192

Square

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



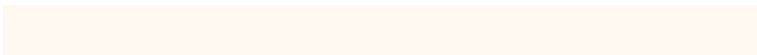
96.4763, 0.3093, 0.3359



96.4763, 0.3014, 0.3209



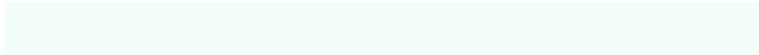
96.4763, 0.3161, 0.3223



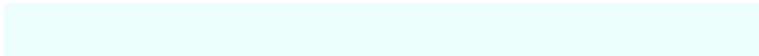
96.4763, 0.3242, 0.3370

Rectangle

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



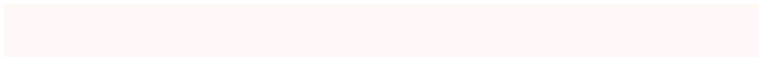
96.4763, 0.3093, 0.3359



96.4763, 0.3019, 0.3271



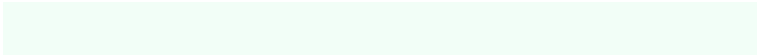
96.4763, 0.3161, 0.3223



96.4763, 0.3237, 0.3307

Sweetspot

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



96.4804, 0.3093, 0.3359



99.4238, 0.3120, 0.3304



97.4804, 0.3167, 0.3407



21.2868, 0.3120, 0.3304



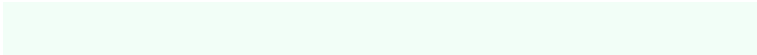
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

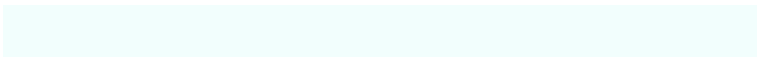
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.4804, 0.3093, 0.3359



96.6491, 0.3084, 0.3378



96.8472, 0.3060, 0.3302



20.6121, 0.3079, 0.3388



37.9389, 0.2802, 0.5287



3.7151, 0.2740, 0.5062

Inverse Universe

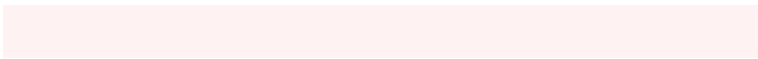
The Inverse Universe completely reimagines the original color for something new.



91.4036, 0.3163, 0.3222



90.2220, 0.3173, 0.3204



91.0442, 0.3199, 0.3279



19.0935, 0.3178, 0.3194



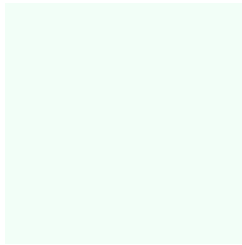
12.2787, 0.4604, 0.2310



1.2173, 0.4400, 0.2198

Previews

White Background



This preview shows how the Yxy color 96.4763, 0.3093, 0.3359 looks on a white background.

Color Contrast Check

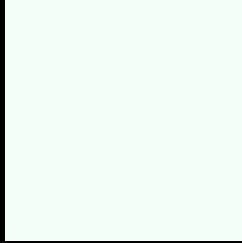
Large Text (above 18pt) WCAG AA × Fail

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 96.4763, 0.3093, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

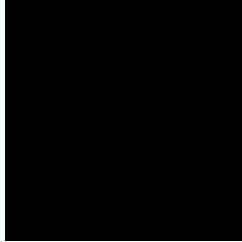
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

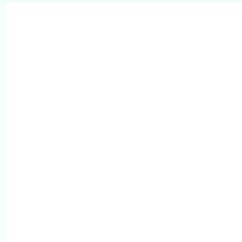
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.4763, 0.3093, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 96.4763, 0.3093, 0.3359.

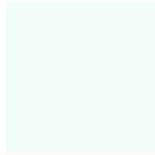


This preview shows how white text looks on a background with the Yxy color 96.4763, 0.3093, 0.3359.

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

96.4763, 0.3093, 0.3359



Protanopia

96.2850, 0.3183, 0.3329

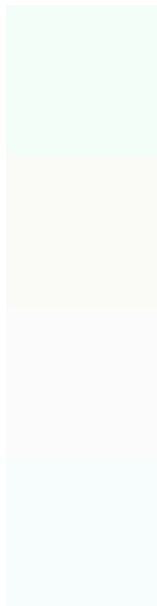
Deuteranopia

96.5962, 0.3153, 0.3281

Tritanopia

96.5384, 0.3098, 0.3252

Trichromacy



Original Color

96.4763, 0.3093, 0.3359

Protanomaly

95.9722, 0.3150, 0.3339

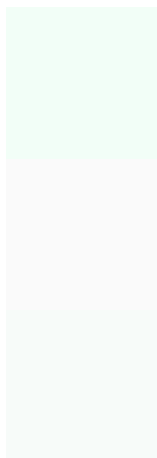
Deuteranomaly

96.2205, 0.3127, 0.3300

Tritanomaly

96.4232, 0.3096, 0.3290

Monochromacy



Original Color

96.4763, 0.3093, 0.3359

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.6081, 0.3114, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.4763, 0.3093, 0.3359 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(242, 254, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 254, 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(242, 254, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 254, 247) }
```

Border

The CSS property to change the border of an element to Yxy 96.4763, 0.3093, 0.3359 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(242, 254, 247) }
```

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

```
.border{ border-color:rgb(242, 254, 247) }
```

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

Here you see how a box with a 4 pixel rgb(242, 254, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 254, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 254, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 254,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 96.4763, 0.3093, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 254, 247) }
```

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

```
.background{ background-color: rgb(242,  
254, 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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