

Converting Colors

$Y_{xy}(96.1890, 0.3072, 0.3270)$

Have a look what the booklet for
Yxy(96.1890, 0.3072, 0.3270)
contains.

Yxy(96.1890, 0.3072, 0.3270)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.1890, 0.3072, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F5FCFE
RGB	245, 252, 254
RGB Percent	96%, 99%, 100%
CMY	0.0392, 0.0118, 0.0038
CMYK	0.04, 0.01, 0.00, 0.00
HSL	194°, 82%, 98%
HSV	194°, 4%, 100%
XYZ	90.3647, 96.1890, 107.6023
YIQ	250.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

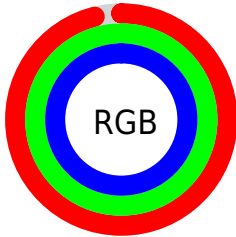
Format	Color
R _Y B	245, 249, 254
Decimal	16121086
CIE Lab	98.51, -1.92, -1.79
CIE LCh	99, 2.619, 223.010
Yxy	96.1890, 0.3072, 0.3270
Android (android.graphics.Color)	4294311166 (0xFF5FCFE)
YUV	250.1350, 1.9054, -4.5034
Hunter-Lab	98.0760, -7.1676, 3.6043

Details

The Yxy color 96.1890, 0.3072, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.2299, 0.3184, 0.3310, and the grayscale version is 95.7086, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8802, 0.3065, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 88.3750, 0.2917, 0.3210, and if you desaturate by 10%, it is 99.9384, 0.3133, 0.3299.

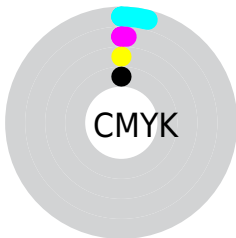
Distribution



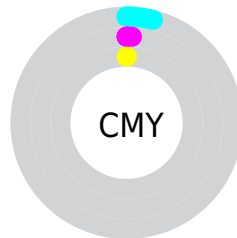
- Red (96%)
- Green (99%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1890, 0.3072, 0.3270 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 96.1890, 0.3072, 0.3270 by changing the saturation by 10% instead.

 96.1890, 0.3072,
0.3270

 96.1890, 0.3072,
0.3270

547.9645, 0.3096,
0.3279

 73.1250, 0.3067,
0.3268


155.9062, 0.3080,
0.3273

 54.0782, 0.3060,
0.3266


193.3282, 0.3083,
0.3274

 38.6642, 0.3052,
0.3263


236.3050, 0.3086,
0.3275

 26.4986, 0.3042,
0.3259

285.2210, 0.3089,
0.3276

 17.1970, 0.3029,
0.3254

340.4605, 0.3091,
0.3277

 10.3750, 0.3012,
0.3247

402.4080, 0.3093,

 5.6483, 0.2986,

0.3278

0.3237

471.4479, 0.3095,
0.3278

■ 2.6324, 0.2945,
0.3222

■ 0.9430, 0.2872,
0.3192

■ 96.1890, 0.3072,
0.3270

■ 96.1890, 0.3072,
0.3270

■ 88.3750, 0.2917,
0.3210

99.9384, 0.3133,
0.3299

■ 81.2673, 0.2766,
0.3144

■ 74.8417, 0.2621,
0.3073

■ 69.0681, 0.2486,
0.2997

■ 63.9138, 0.2365,
0.2917

■ 59.3428, 0.2259,
0.2834

■ 55.3145, 0.2172,
0.2749

■ 51.7824, 0.2105,
0.2665

■ 48.6896, 0.2058,
0.2581

Harmonies

Analogous

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



96.1890, 0.3084, 0.3296



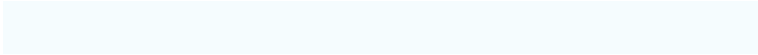
96.1890, 0.3072, 0.3270



96.1890, 0.3075, 0.3250

Triad

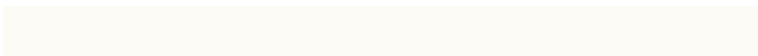
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.1890, 0.3072, 0.3270



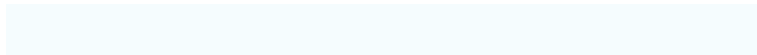
96.1890, 0.3147, 0.3261



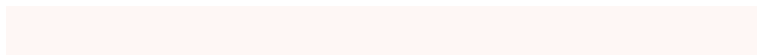
96.1890, 0.3163, 0.3340

Complementary

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



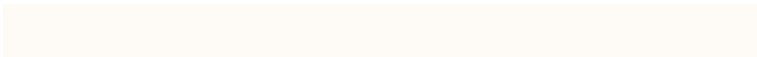
96.1890, 0.3072, 0.3270



94.2299, 0.3184, 0.3310

Split Complementary

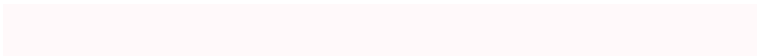
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1890, 0.3180, 0.3330



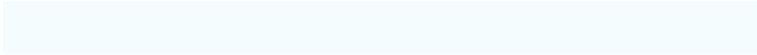
96.1890, 0.3072, 0.3270



96.1890, 0.3171, 0.3285

Square

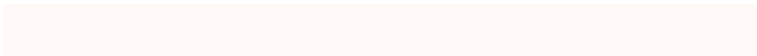
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.1890, 0.3072, 0.3270



96.1890, 0.3118, 0.3245



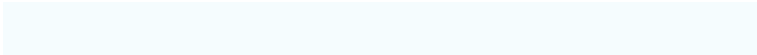
96.1890, 0.3183, 0.3310



96.1890, 0.3136, 0.3336

Rectangle

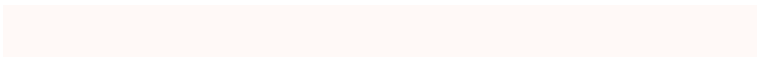
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.1890, 0.3072, 0.3270



96.1890, 0.3085, 0.3243



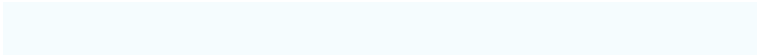
96.1890, 0.3183, 0.3310



96.1890, 0.3170, 0.3338

Sweetspot

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



96.1931, 0.3072, 0.3270



99.1518, 0.3112, 0.3284



97.0385, 0.3112, 0.3359



21.2315, 0.3112, 0.3285



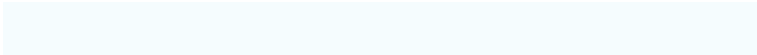
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

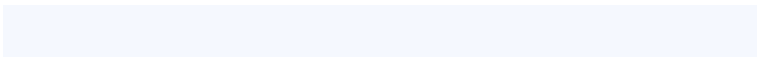
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1931, 0.3072, 0.3270



96.6520, 0.3065, 0.3267



93.4465, 0.3073, 0.3227



20.5556, 0.3053, 0.3263



24.9374, 0.2039, 0.2541



2.5906, 0.2066, 0.2636

Inverse Universe

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



93.4213, 0.3143, 0.3223



93.5160, 0.3146, 0.3214



96.9691, 0.3181, 0.3352



19.7635, 0.3149, 0.3200



13.2454, 0.3882, 0.1912



1.3061, 0.3789, 0.1861

Previews

White Background



This preview shows how the Yxy color 96.1890, 0.3072, 0.3270 looks on a white background.

Color Contrast Check

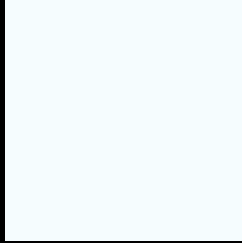
Large Text (above 18pt) WCAG AA × Fail

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 96.1890, 0.3072, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

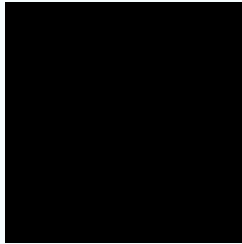
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1890, 0.3072, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 96.1890, 0.3072, 0.3270.



This preview shows how white text looks on a background with the Yxy color 96.1890, 0.3072, 0.3270.

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

96.1890, 0.3072, 0.3270

Protanopia

95.8505, 0.3141, 0.3261

Deuteranopia

96.0396, 0.3148, 0.3261

Tritanopia

95.9152, 0.3098, 0.3242

Trichromacy



Original Color

96.1890, 0.3072, 0.3270

Protanomaly

95.9723, 0.3116, 0.3261

Deuteranomaly

95.9723, 0.3116, 0.3261

Tritanomaly

96.1708, 0.3085, 0.3251

Monochromacy



Original Color

96.1890, 0.3072, 0.3270

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.9159, 0.3108, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1890, 0.3072, 0.3270 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(245, 252, 254) looks like.

```
.text, #text, p{  
    color:rgb(245, 252, 254)  
}
```

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(245, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 252, 254) }
```

Border

The CSS property to change the border of an element to Yxy 96.1890, 0.3072, 0.3270 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(245, 252, 254) }
```

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

```
.border{ border-color:rgb(245, 252, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(245, 252,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1890, 0.3072, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 252, 254) }
```

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

```
.background{ background-color: rgb(245,  
252, 254) }
```

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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