

Converting Colors

$Yxy(94.7018, 0.3018, 0.3258)$

Have a look what the booklet for
Yxy(94.7018, 0.3018, 0.3258)
contains.

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Color

Yxy(94.8453, 0.3018, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	EDFCFF
RGB	237, 252, 255
RGB Percent	93%, 99%, 100%
CMY	0.0703, 0.0118, 0.0000
CMYK	0.07, 0.01, 0.00, 0.00
HSL	190°, 100%, 96%
HSV	190°, 7%, 100%
XYZ	87.8046, 94.8453, 108.2866
YIQ	247.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

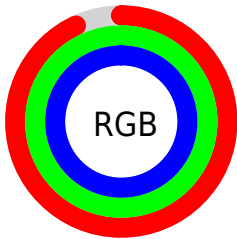
Format	Color
R _Y B	237, 245, 255
Decimal	15596799
CIE Lab	97.97, -4.29, -3.13
CIE LCh	98, 5.314, 216.105
Yxy	94.8453, 0.3018, 0.3260
Android (android.graphics.Color)	4293786879 (0xFFEDFCFF)
YUV	247.8570, 3.5215, -9.5216
Hunter-Lab	97.3886, -9.4960, 2.2473

Details

The Yxy color 94.8453, 0.3018, 0.3260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.7554, 0.3245, 0.3320, and the grayscale version is 93.7351, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9312, 0.2996, 0.3252 is the 20% darker color. If you saturate the color by 10%, you get 88.1010, 0.2866, 0.3214, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

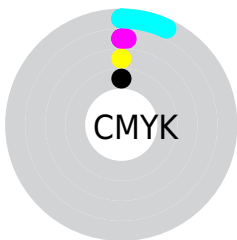
Distribution



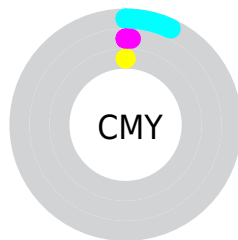
- Red (93%)
- Green (99%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.8453, 0.3018, 0.3260 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 94.8453, 0.3018, 0.3260 by changing the saturation by 10% instead.


 94.8453, 0.3018,
0.3260

 94.8453, 0.3018,
0.3260


543.6696, 0.3066,
0.3274

 72.0062, 0.3008,
0.3257


154.0509, 0.3034,
0.3265

 53.1638, 0.2995,
0.3253


191.1861, 0.3041,
0.3266

 37.9335, 0.2979,
0.3249


233.8556, 0.3046,
0.3268

 25.9311, 0.2959,
0.3243

282.4437, 0.3051,
0.3269

 16.7721, 0.2934,
0.3235

337.3347, 0.3056,
0.3271

 10.0721, 0.2898,
0.3224

398.9131, 0.3059,

 5.4468, 0.2847,

0.3272

0.3208

467.5633, 0.3063,
0.3273

■ 2.5117, 0.2766,
0.3182

■ 0.8825, 0.2609,
0.3138

■ 94.8453, 0.3018,
0.3260

■ 94.8453, 0.3018,
0.3260

■ 88.1010, 0.2866,
0.3214

100.0000, 0.3127,
0.3290

■ 82.0112, 0.2719,
0.3164

■ 76.5514, 0.2582,
0.3110

■ 71.6910, 0.2458,
0.3053

■ 67.3964, 0.2349,
0.2994

■ 63.6305, 0.2258,
0.2933

■ 60.3511, 0.2186,
0.2872

■ 57.5088, 0.2134,
0.2811

■ 55.0408, 0.2101,
0.2751

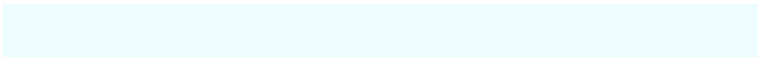
Harmonies

Analogous

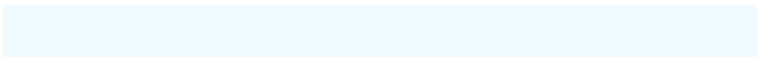
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8453, 0.3048, 0.3313



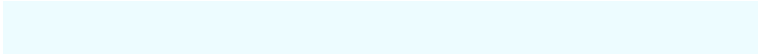
94.8453, 0.3018, 0.3260



94.8453, 0.3017, 0.3216

Triad

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



94.8453, 0.3018, 0.3260



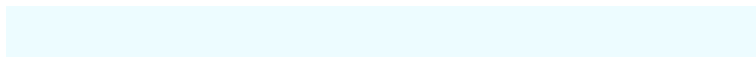
94.8453, 0.3154, 0.3222



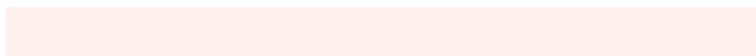
94.8453, 0.3210, 0.3389

Complementary

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



94.8453, 0.3018, 0.3260



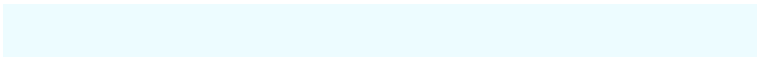
89.7554, 0.3245, 0.3320

Split Complementary

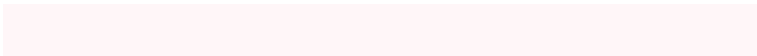
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8453, 0.3239, 0.3364



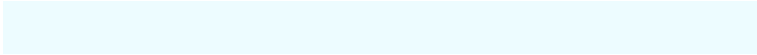
94.8453, 0.3018, 0.3260



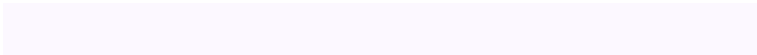
94.8453, 0.3206, 0.3267

Square

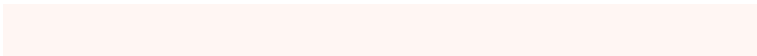
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.8453, 0.3018, 0.3260



94.8453, 0.3095, 0.3194



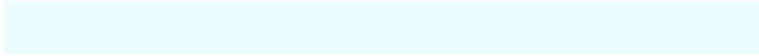
94.8453, 0.3238, 0.3319



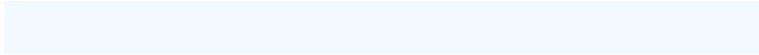
94.8453, 0.3159, 0.3388

Rectangle

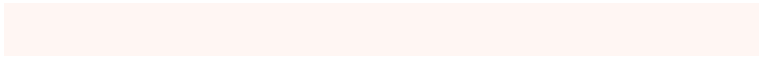
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.8453, 0.3018, 0.3260



94.8453, 0.3032, 0.3197



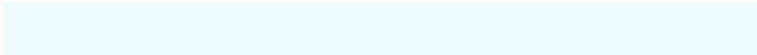
94.8453, 0.3238, 0.3319



94.8453, 0.3223, 0.3383

Sweetspot

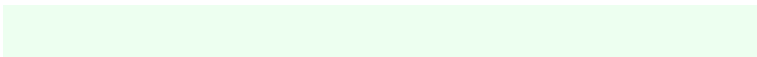
The Sweet Spot groups the original color and five complimentary colors.



94.8492, 0.3018, 0.3260



98.4992, 0.3096, 0.3282



95.8335, 0.3102, 0.3438



21.0986, 0.3098, 0.3282



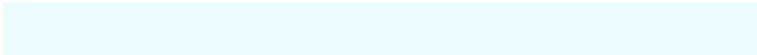
0.0000, 0.0000, 0.0000



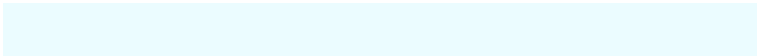
21.4041, 0.3127, 0.3290

Same Dimension

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



94.8492, 0.3018, 0.3260



94.1634, 0.3003, 0.3256



89.3712, 0.3019, 0.3171



19.9304, 0.2980, 0.3249



28.5917, 0.2095, 0.2743



2.9156, 0.2115, 0.2812

Inverse Universe

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



88.9018, 0.3154, 0.3146



87.4487, 0.3158, 0.3126



95.1469, 0.3237, 0.3406



18.2448, 0.3164, 0.3095



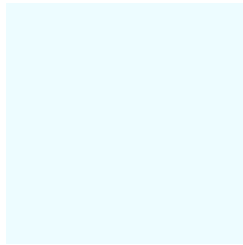
13.6143, 0.3688, 0.1805



1.3389, 0.3624, 0.1770

Previews

White Background



This preview shows how the Yxy color 94.8453, 0.3018, 0.3260 looks on a white background.

Color Contrast Check

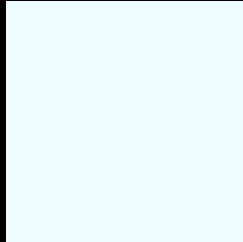
Large Text (above 18pt) WCAG AA × Fail

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 94.8453, 0.3018, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

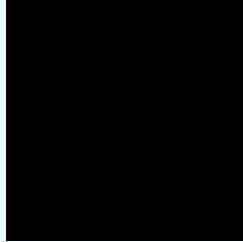
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

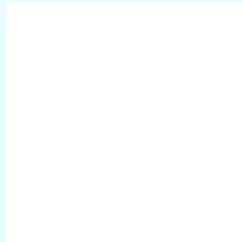
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8453, 0.3018, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 94.8453, 0.3018, 0.3260.

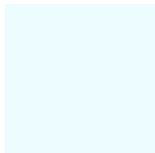


This preview shows how white text looks on a background with the Yxy color 94.8453, 0.3018, 0.3260.

Color Blindness Simulation

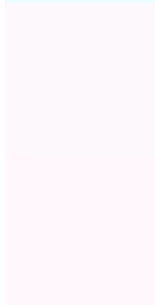
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.8453, 0.3018, 0.3260



Protanopia

94.8585, 0.3129, 0.3252

Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

94.5642, 0.3073, 0.3232

Trichromacy



Original Color

94.8453, 0.3018, 0.3260

Protanomaly

94.6174, 0.3091, 0.3251

Deuteranomaly

94.7361, 0.3103, 0.3261

Tritanomaly

94.6459, 0.3055, 0.3241

Monochromacy



Original Color

94.8453, 0.3018, 0.3260

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9495, 0.3084, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8453, 0.3018, 0.3260 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(237, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 252, 255)  
}
```

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(237, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.8453, 0.3018, 0.3260 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(237, 252, 255) }
```

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

```
.border{ border-color:rgb(237, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 252,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8453, 0.3018, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 252, 255) }
```

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

```
.background{ background-color: rgb(237,  
252, 255) }
```

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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