

Converting Colors

$Y_{xy}(100.0000, 0.2641, 0.2578)$

Have a look what the booklet for
Yxy(100.0000, 0.2641, 0.2578)
contains.

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Color

Yxy(93.7684, 0.3024, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	EEFAFF
RGB	238, 250, 255
RGB Percent	93%, 98%, 100%
CMY	0.0667, 0.0196, 0.0002
CMYK	0.07, 0.02, 0.00, 0.00
HSL	198°, 100%, 97%
HSV	198°, 7%, 100%
XYZ	87.4902, 93.7684, 108.0608
YIQ	246.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

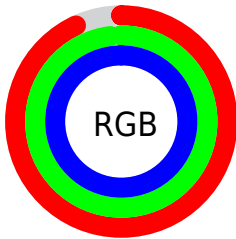
Format	Color
R _Y B	238, 245, 255
Decimal	15661823
CIE Lab	97.54, -3.01, -3.74
CIE LCh	98, 4.800, 231.174
Yxy	93.7684, 0.3024, 0.3241
Android (android.graphics.Color)	4293851903 (0xFFEEFAFF)
YUV	246.9820, 3.9529, -7.8772
Hunter-Lab	96.8341, -8.1838, 1.6199

Details

The Yxy color 93.7684, 0.3024, 0.3241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.4982, 0.3236, 0.3339, and the grayscale version is 92.9701, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.6059, 0.3004, 0.3239 is the 20% darker color. If you saturate the color by 10%, you get 85.1324, 0.2869, 0.3161, and if you desaturate by 10%, it is 99.9975, 0.3127, 0.3290.

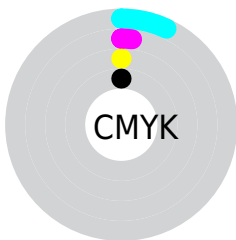
Distribution



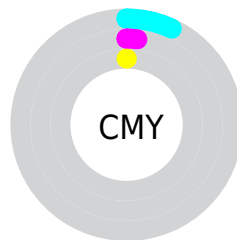
- Red (93%)
- Green (98%)
- Blue (100%)



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



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7684, 0.3024, 0.3241 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 93.7684, 0.3024, 0.3241 by changing the saturation by 10% instead.


 93.7684, 0.3024,
0.3241

 93.7684, 0.3024,
0.3241

540.2146, 0.3070,
0.3263

 71.1103, 0.3014,
0.3236


152.5620, 0.3039,
0.3248

 52.4322, 0.3002,
0.3230

189.4663, 0.3045,
0.3251

 37.3497, 0.2987,
0.3223


231.8882, 0.3051,
0.3254

 25.4784, 0.2968,
0.3214

280.2120, 0.3055,
0.3256

 16.4338, 0.2944,
0.3201

334.8222, 0.3060,
0.3258

 9.8317, 0.2910,
0.3184

396.1031, 0.3063,

 5.2875, 0.2861,

0.3260

0.3159

464.4391, 0.3067,
0.3262

■ 2.4169, 0.2783,
0.3119

■ 0.8346, 0.2627,
0.3046

■ 93.7684, 0.3024,
0.3241

■ 93.7684, 0.3024,
0.3241

■ 85.1324, 0.2869,
0.3161

99.9975, 0.3127,
0.3290

■ 77.2717, 0.2716,
0.3073

■ 70.1602, 0.2568,
0.2978

■ 63.7656, 0.2430,
0.2877

■ 58.0526, 0.2304,
0.2770

■ 52.9825, 0.2194,
0.2660

■ 48.5116, 0.2104,
0.2548

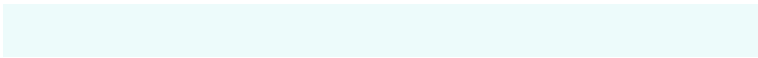
■ 44.5888, 0.2034,
0.2436

■ 41.1507, 0.1983,
0.2326

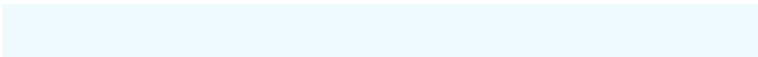
Harmonies

Analogous

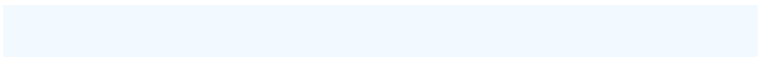
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7684, 0.3039, 0.3287



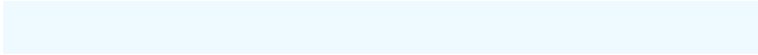
93.7684, 0.3024, 0.3241



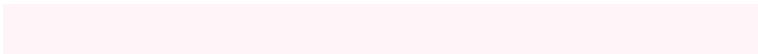
93.7684, 0.3036, 0.3209

Triad

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



93.7684, 0.3024, 0.3241



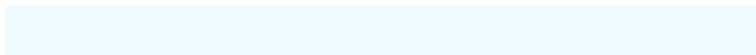
93.7684, 0.3177, 0.3247



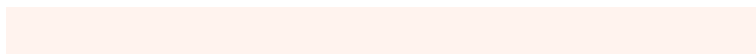
93.7684, 0.3181, 0.3383

Complementary

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



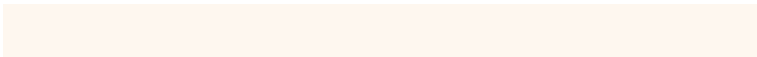
93.7684, 0.3024, 0.3241



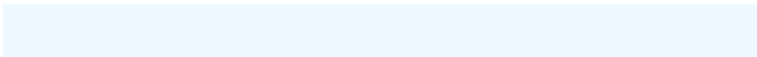
91.4982, 0.3236, 0.3339

Split Complementary

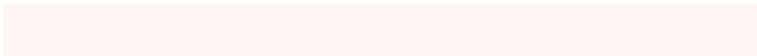
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7684, 0.3219, 0.3371



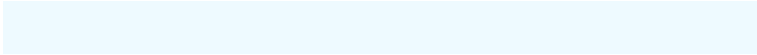
93.7684, 0.3024, 0.3241



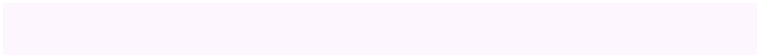
93.7684, 0.3216, 0.3293

Square

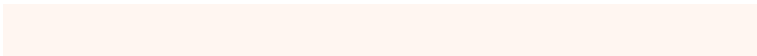
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.7684, 0.3024, 0.3241



93.7684, 0.3125, 0.3213



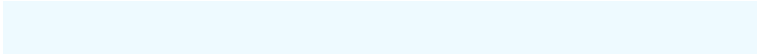
93.7684, 0.3232, 0.3338



93.7684, 0.3129, 0.3369

Rectangle

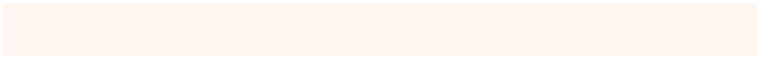
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.7684, 0.3024, 0.3241



93.7684, 0.3059, 0.3200



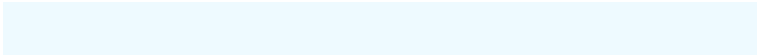
93.7684, 0.3232, 0.3338



93.7684, 0.3196, 0.3382

Sweetspot

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



93.7724, 0.3024, 0.3241



98.0993, 0.3096, 0.3276



96.1316, 0.3092, 0.3410



21.0173, 0.3098, 0.3276



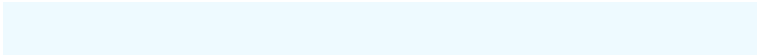
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



93.7724, 0.3024, 0.3241



92.5934, 0.3003, 0.3231



88.7066, 0.3025, 0.3158



19.5330, 0.2980, 0.3219



21.2186, 0.1974, 0.2308



2.2549, 0.2009, 0.2433

Inverse Universe

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



89.3054, 0.3165, 0.3174



87.2902, 0.3174, 0.3150



96.5989, 0.3229, 0.3419



18.2047, 0.3183, 0.3123



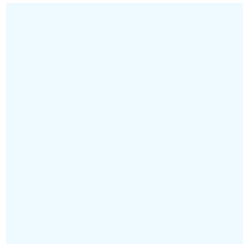
12.8700, 0.4118, 0.2042



1.2722, 0.3989, 0.1971

Previews

White Background



This preview shows how the Yxy color 93.7684, 0.3024, 0.3241 looks on a white background.

Color Contrast Check

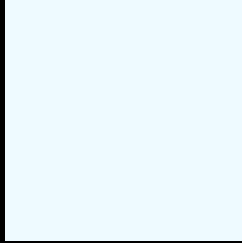
Large Text (above 18pt) WCAG AA × Fail

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 93.7684, 0.3024, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

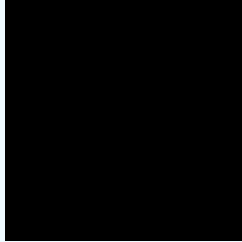
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

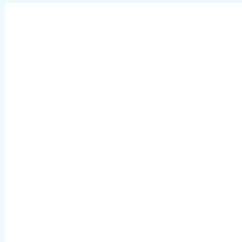
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7684, 0.3024, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 93.7684, 0.3024, 0.3241.

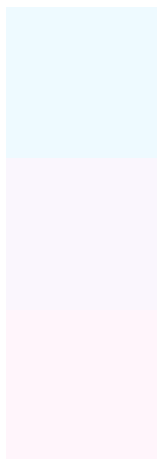


This preview shows how white text looks on a background with the Yxy color 93.7684, 0.3024, 0.3241.

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

93.7684, 0.3024, 0.3241

Protanopia

93.3274, 0.3111, 0.3222

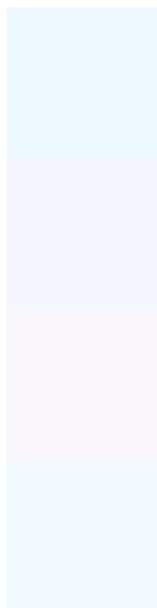
Deuteranopia

93.5299, 0.3156, 0.3232

Tritanopia

93.7673, 0.3067, 0.3222

Trichromacy



Original Color

93.7684, 0.3024, 0.3241

Protanomaly

93.2701, 0.3080, 0.3222

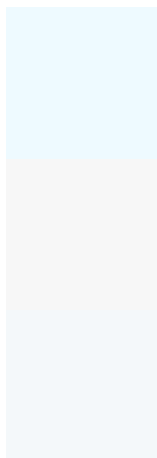
Deuteranomaly

93.6895, 0.3110, 0.3242

Tritanomaly

93.8486, 0.3049, 0.3231

Monochromacy



Original Color

93.7684, 0.3024, 0.3241

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.2700, 0.3090, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7684, 0.3024, 0.3241 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(238, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 250, 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(238, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 250, 255) }
```

Border

The CSS property to change the border of an element to Yxy 93.7684, 0.3024, 0.3241 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(238, 250, 255) }
```

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

```
.border{ border-color:rgb(238, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 250,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7684, 0.3024, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 250, 255) }
```

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

```
.background{ background-color: rgb(238,  
250, 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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