

Converting Colors

$Yxy(91.4931, 0.3030, 0.3201)$

Have a look what the booklet for
Yxy(91.4931, 0.3030, 0.3201)
contains.

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Color

Yxy(91.4823, 0.3030, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	EFF6FF
RGB	239, 246, 255
RGB Percent	94%, 96%, 100%
CMY	0.0629, 0.0352, 0.0000
CMYK	0.06, 0.04, 0.00, 0.00
HSL	214°, 100%, 97%
HSV	214°, 6%, 100%
XYZ	86.5952, 91.4823, 107.7153
YIQ	244.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

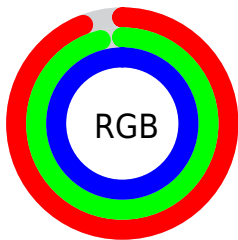
Format	Color
R_{YB}	239, 244, 255
Decimal	15726335
CIE _{Lab}	96.61, -0.66, -5.13
CIE _{LCh}	97, 5.173, 262.634
Yxy	91.4823, 0.3030, 0.3201
Android (android.graphics.Color)	4293916415 (0xFFEFF6FF)
YUV	244.9330, 4.9630, -5.2032
Hunter-Lab	95.6464, -5.7728, 0.1811

Details

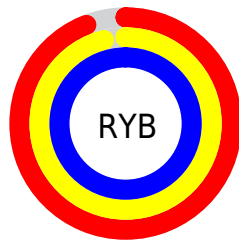
The Yxy color **91.4823, 0.3030, 0.3201** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.5943, 0.3226, 0.3377**, and the grayscale version is **91.2152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9714, 0.3012, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **78.9944, 0.2869, 0.3046**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

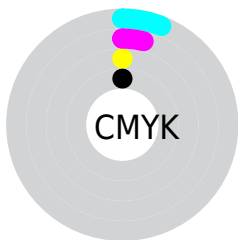
Distribution



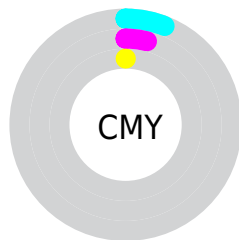
- Red (94%)
- Green (96%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4823, 0.3030, 0.3201 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 91.4823, 0.3030, 0.3201 by changing the saturation by 10% instead.


 91.4823, 0.3030,
0.3201

 91.4823, 0.3030,
0.3201


532.8410, 0.3073,
0.3241

 69.2107, 0.3021,
0.3192


149.3957, 0.3045,
0.3214

 50.8833, 0.3009,
0.3182


185.8062, 0.3050,
0.3220

 36.1158, 0.2995,
0.3169


227.6986, 0.3055,
0.3224

 24.5236, 0.2977,
0.3152

275.4571, 0.3060,
0.3228

 15.7225, 0.2953,
0.3130

329.4663, 0.3064,
0.3232

 9.3280, 0.2920,
0.3099

390.1103, 0.3067,

 4.9557, 0.2872,

0.3235

0.3055

457.7738, 0.3070,
0.3238

■ 2.2213, 0.2796,
0.2983

■ 0.7316, 0.2634,
0.2837

■ 91.4823, 0.3030,
0.3201

■ 91.4823, 0.3030,
0.3201

■ 78.9944, 0.2869,
0.3046

100.0000, 0.3127,
0.3290

■ 67.7576, 0.2702,
0.2874

■ 57.7313, 0.2531,
0.2685

■ 48.8692, 0.2362,
0.2481

■ 41.1218, 0.2199,
0.2266

■ 34.4351, 0.2049,
0.2045

■ 28.7496, 0.1918,
0.1825

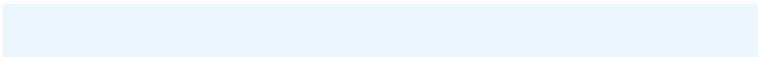
■ 23.9980, 0.1812,
0.1613

■ 20.0995, 0.1732,
0.1417

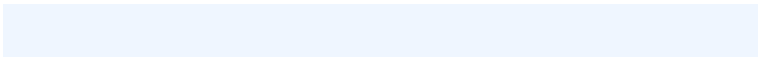
Harmonies

Analogous

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



91.4823, 0.3015, 0.3235



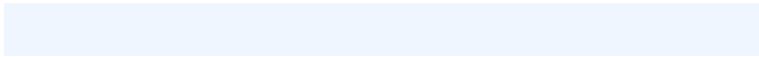
91.4823, 0.3030, 0.3201



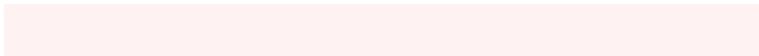
91.4823, 0.3071, 0.3191

Triad

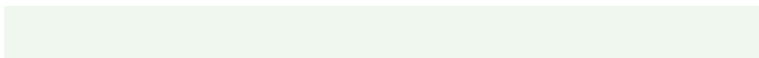
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4823, 0.3030, 0.3201



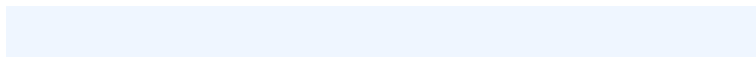
91.4823, 0.3226, 0.3295



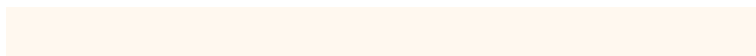
91.4823, 0.3127, 0.3375

Complementary

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



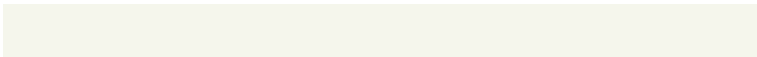
91.4823, 0.3030, 0.3201



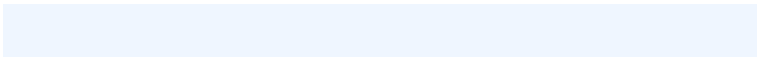
94.5943, 0.3226, 0.3377

Split Complementary

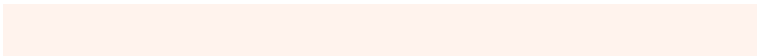
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4823, 0.3183, 0.3391



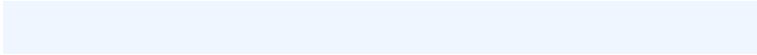
91.4823, 0.3030, 0.3201



91.4823, 0.3241, 0.3344

Square

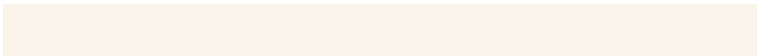
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



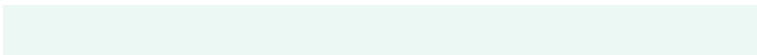
91.4823, 0.3030, 0.3201



91.4823, 0.3184, 0.3246



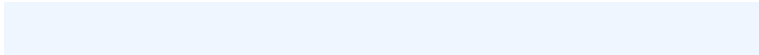
91.4823, 0.3225, 0.3379



91.4823, 0.3071, 0.3335

Rectangle

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



91.4823, 0.3030, 0.3201



91.4823, 0.3108, 0.3200



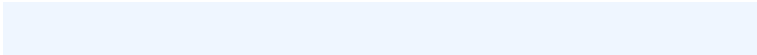
91.4823, 0.3225, 0.3379



91.4823, 0.3146, 0.3383

Sweetspot

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



91.4850, 0.3030, 0.3201



97.2356, 0.3097, 0.3262



96.6286, 0.3070, 0.3361



20.8415, 0.3098, 0.3264



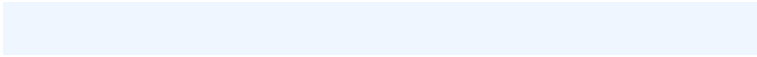
0.0000, 0.0000, 0.0000



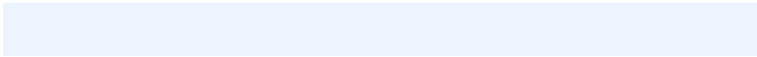
21.4041, 0.3127, 0.3290

Same Dimension

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



91.4850, 0.3030, 0.3201



89.2562, 0.3003, 0.3176



87.4170, 0.3036, 0.3131



18.6919, 0.2979, 0.3153



10.1257, 0.1716, 0.1378



1.1991, 0.1777, 0.1597

Inverse Universe

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



89.6272, 0.3190, 0.3222



86.9533, 0.3208, 0.3203



98.8582, 0.3215, 0.3445



18.1198, 0.3225, 0.3186



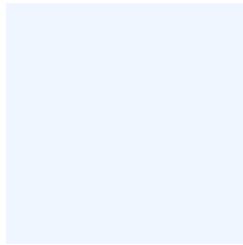
11.7502, 0.5220, 0.2649



1.1656, 0.4935, 0.2492

Previews

White Background



This preview shows how the Yxy color 91.4823, 0.3030, 0.3201 looks on a white background.

Color Contrast Check

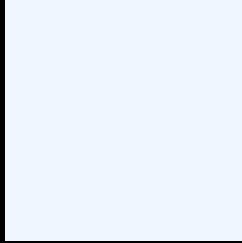
Large Text (above 18pt) WCAG AA × Fail

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 91.4823, 0.3030, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

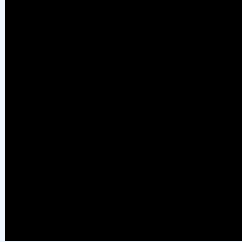
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

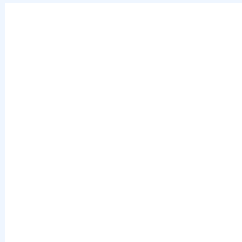
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4823, 0.3030, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 91.4823, 0.3030, 0.3201.



This preview shows how white text looks on a background with the Yxy color 91.4823, 0.3030, 0.3201.

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

91.4823, 0.3030, 0.3201

Protanopia

91.6313, 0.3087, 0.3193

Deuteranopia

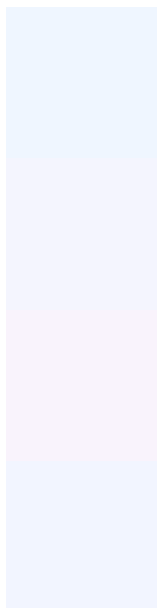
91.1356, 0.3158, 0.3194



Tritanopia

91.5795, 0.3055, 0.3192

Trichromacy



Original Color

91.4823, 0.3030, 0.3201

Protanomaly

91.6937, 0.3068, 0.3202

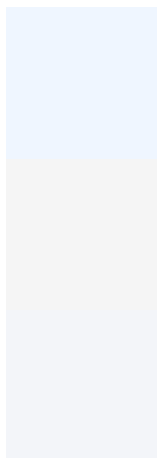
Deuteranomaly

91.2692, 0.3112, 0.3202

Tritanomaly

91.4021, 0.3049, 0.3192

Monochromacy



Original Color

91.4823, 0.3030, 0.3201

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.1991, 0.3091, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4823, 0.3030, 0.3201 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(239, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 246, 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(239, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 246, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.4823, 0.3030, 0.3201 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(239, 246, 255) }
```

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

```
.border{ border-color:rgb(239, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 246,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4823, 0.3030, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 246, 255) }
```

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

```
.background{ background-color: rgb(239,  
246, 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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