

Converting Colors

$Yxy(90.0917, 0.3058, 0.3223)$

Have a look what the booklet for
Yxy(90.0917, 0.3058, 0.3223)
contains.

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Color

Yxy(90.0171, 0.3054, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	EFF4FB
RGB	239, 244, 251
RGB Percent	94%, 96%, 98%
CMY	0.0625, 0.0432, 0.0156
CMYK	0.05, 0.03, 0.00, 0.02
HSL	215°, 60%, 96%
HSV	215°, 5%, 98%
XYZ	85.3765, 90.0171, 104.1626
YIQ	243.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

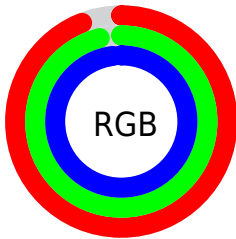
Format	Color
R_{YB}	239, 243, 251
Decimal	15725819
CIE _{Lab}	96.00, -0.34, -3.96
CIE _{LCh}	96, 3.972, 265.050
Yxy	90.0171, 0.3054, 0.3220
Android (android.graphics.Color)	4293915899 (0xFFEFF4FB)
YUV	243.3030, 3.7946, -3.7737
Hunter-Lab	94.8773, -5.4101, 1.3216

Details

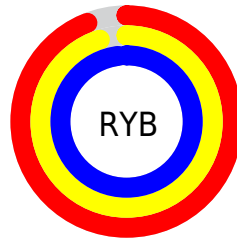
The Yxy color **90.0171, 0.3054, 0.3220** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.7186, 0.3201, 0.3359**, and the grayscale version is **89.8633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9738, 0.3034, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **77.4200, 0.2894, 0.3060**, and if you desaturate by 10%, it is **99.7467, 0.3150, 0.3328**.

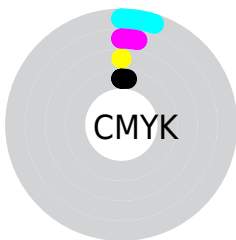
Distribution



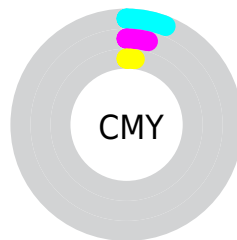
- Red (94%)
- Green (96%)
- Blue (98%)



- Red (94%)
- Yellow (95%)
- Blue (98%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.0171, 0.3054, 0.3220 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 90.0171, 0.3054, 0.3220 by changing the saturation by 10% instead.

90.0171, 0.3054,
0.3220

90.0171, 0.3054,
0.3220

528.0865, 0.3087,
0.3251

67.9948, 0.3047,
0.3213

147.3621, 0.3065,
0.3231

49.8935, 0.3038,
0.3205

183.4537, 0.3069,
0.3235

35.3288, 0.3027,
0.3194

225.0038, 0.3073,
0.3238

23.9163, 0.3013,
0.3181

272.3969, 0.3077,
0.3242

15.2715, 0.2995,
0.3163

326.0173, 0.3080,
0.3244

9.0102, 0.2970,
0.3139

386.2494, 0.3082,

4.7478, 0.2933,

0.3247

0.3103

453.4777, 0.3084,
0.3249

■ 2.1001, 0.2873,
0.3045

■ 0.6647, 0.2724,
0.2904

■ 90.0171, 0.3054,
0.3220

■ 90.0171, 0.3054,
0.3220

■ 77.4200, 0.2894,
0.3060

99.7467, 0.3150,
0.3328

■ 66.0958, 0.2726,
0.2882

■ 56.0046, 0.2554,
0.2685

■ 47.0999, 0.2381,
0.2473

■ 39.3319, 0.2213,
0.2249

■ 32.6467, 0.2057,
0.2018

■ 26.9850, 0.1919,
0.1788

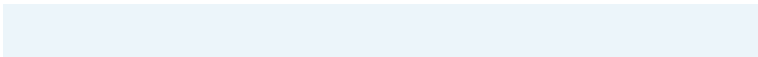
■ 22.2798, 0.1806,
0.1567

■ 18.4530, 0.1720,
0.1363

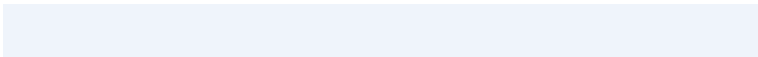
Harmonies

Analogous

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



90.0171, 0.3041, 0.3245



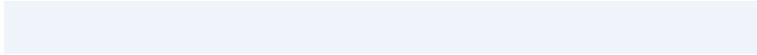
90.0171, 0.3054, 0.3220



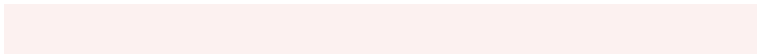
90.0171, 0.3087, 0.3214

Triad

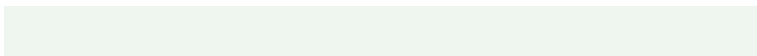
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0171, 0.3054, 0.3220



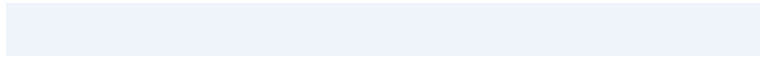
90.0171, 0.3205, 0.3298



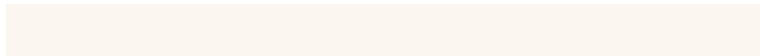
90.0171, 0.3123, 0.3353

Complementary

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



90.0171, 0.3054, 0.3220



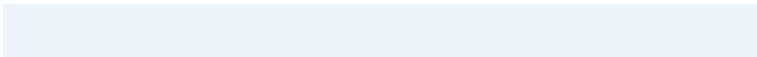
92.7186, 0.3201, 0.3359

Split Complementary

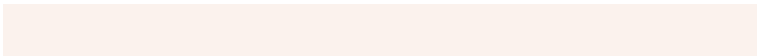
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0171, 0.3167, 0.3367



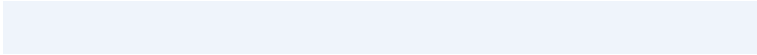
90.0171, 0.3054, 0.3220



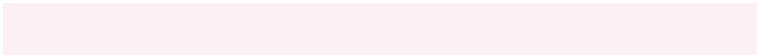
90.0171, 0.3215, 0.3335

Square

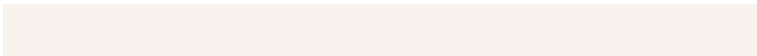
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.0171, 0.3054, 0.3220



90.0171, 0.3174, 0.3259



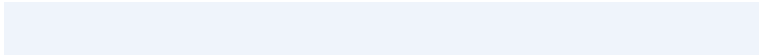
90.0171, 0.3201, 0.3360



90.0171, 0.3080, 0.3322

Rectangle

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



90.0171, 0.3054, 0.3220



90.0171, 0.3116, 0.3221



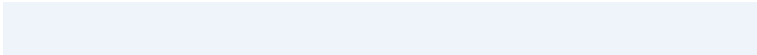
90.0171, 0.3201, 0.3360



90.0171, 0.3138, 0.3360

Sweetspot

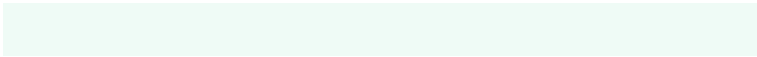
The Sweet Spot groups the original color and five complimentary colors.



90.0209, 0.3054, 0.3220



98.5666, 0.3112, 0.3276



94.0276, 0.3081, 0.3339



21.1124, 0.3113, 0.3276



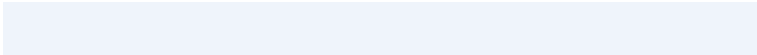
0.0000, 0.0000, 0.0000



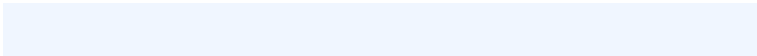
21.4041, 0.3127, 0.3290

Same Dimension

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



90.0209, 0.3054, 0.3220



91.6064, 0.3035, 0.3201



87.2668, 0.3061, 0.3171



18.5929, 0.3025, 0.3191



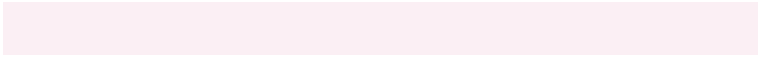
9.0733, 0.1693, 0.1296



1.0435, 0.1758, 0.1529

Inverse Universe

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



88.8106, 0.3176, 0.3242



90.0577, 0.3189, 0.3229



95.5756, 0.3191, 0.3407



18.2453, 0.3196, 0.3222



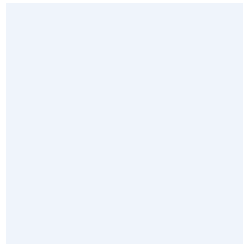
11.3269, 0.5333, 0.2711



1.0696, 0.5022, 0.2540

Previews

White Background



This preview shows how the Yxy color 90.0171, 0.3054, 0.3220 looks on a white background.

Color Contrast Check

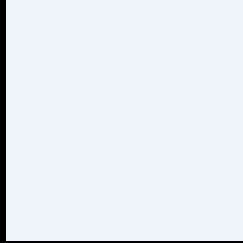
Large Text (above 18pt) WCAG AA × Fail

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 90.0171, 0.3054, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

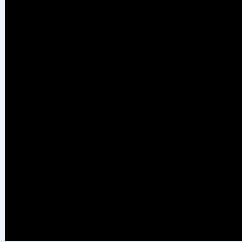
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

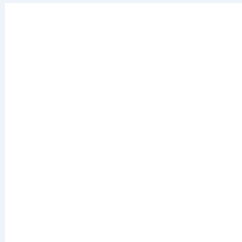
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0171, 0.3054, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 90.0171, 0.3054, 0.3220.

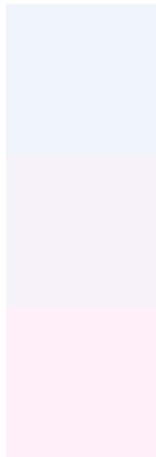


This preview shows how white text looks on a background with the Yxy color 90.0171, 0.3054, 0.3220.

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

90.0171, 0.3054, 0.3220

Protanopia

89.9992, 0.3105, 0.3211

Deuteranopia

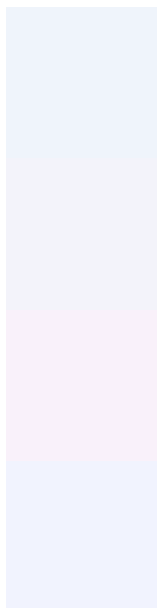
89.8326, 0.3171, 0.3193



Tritanopia

90.1984, 0.3050, 0.3172

Trichromacy



Original Color

90.0171, 0.3054, 0.3220

Protanomaly

90.0580, 0.3085, 0.3221

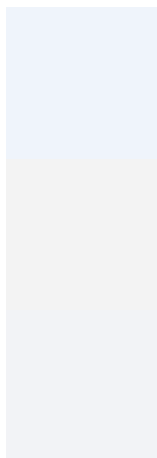
Deuteranomaly

89.9525, 0.3125, 0.3202

Tritanomaly

89.9577, 0.3049, 0.3181

Monochromacy



Original Color

90.0171, 0.3054, 0.3220

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.6323, 0.3103, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0171, 0.3054, 0.3220 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, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(239, 244, 251)  
}
```

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, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 244, 251) }
```

Border

The CSS property to change the border of an element to Yxy 90.0171, 0.3054, 0.3220 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, 244, 251) }
```

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

```
.border{ border-color:rgb(239, 244, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 244, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(239, 244,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0171, 0.3054, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 244, 251) }
```

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

```
.background{ background-color: rgb(239,  
244, 251) }
```

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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