

Converting Colors

$Yxy(93.4705, 0.3058, 0.3275)$

Have a look what the booklet for
Yxy(93.4705, 0.3058, 0.3275)
contains.

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Color

Yxy(93.2417, 0.3059, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F0F9FB
RGB	240, 249, 251
RGB Percent	94%, 98%, 98%
CMY	0.0588, 0.0235, 0.0156
CMYK	0.04, 0.01, 0.00, 0.02
HSL	191°, 58%, 96%
HSV	191°, 4%, 98%
XYZ	87.2252, 93.2417, 104.6759
YIQ	246.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

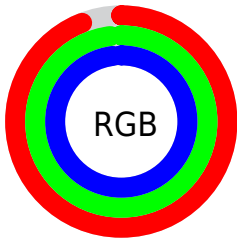
Format	Color
R_{YB}	240, 245, 251
Decimal	15792635
CIE _{Lab}	97.33, -2.58, -2.00
CIE _{LCh}	97, 3.267, 217.772
Yxy	93.2417, 0.3059, 0.3270
Android (android.graphics.Color)	4293982715 (0xFFFF0F9FB)
YUV	246.5370, 2.2003, -5.7329
Hunter-Lab	96.5617, -7.7422, 3.3210

Details

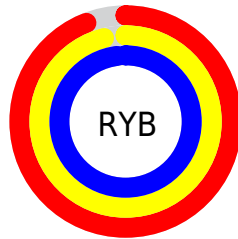
The Yxy color 93.2417, 0.3059, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.3141, 0.3198, 0.3310, and the grayscale version is 92.6053, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2704, 0.3041, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 86.3557, 0.2905, 0.3221, and if you desaturate by 10%, it is 98.8452, 0.3151, 0.3315.

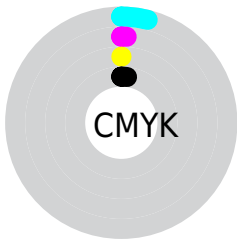
Distribution



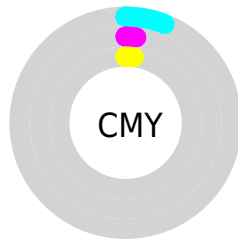
- Red (94%)
- Green (98%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2417, 0.3059, 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 93.2417, 0.3059, 0.3270 by changing the saturation by 10% instead.


 93.2417, 0.3059,
0.3270

 93.2417, 0.3059,
0.3270


538.5205, 0.3089,
0.3279

 70.6724, 0.3052,
0.3268

151.8332, 0.3069,
0.3273

 52.0749, 0.3044,
0.3266


188.6242, 0.3073,
0.3274

 37.0648, 0.3035,
0.3263

230.9245, 0.3077,
0.3275

 25.2577, 0.3022,
0.3259

279.1187, 0.3080,
0.3276

 16.2691, 0.3005,
0.3254

333.5909, 0.3083,
0.3277

 9.7148, 0.2983,
0.3246

394.7257, 0.3085,

 5.2103, 0.2950,

0.3278

0.3236

462.9075, 0.3087,
0.3278

■ 2.3712, 0.2897,
0.3219

■ 0.8110, 0.2783,
0.3189

■ 93.2417, 0.3059,
0.3270

■ 93.2417, 0.3059,
0.3270

■ 86.3557, 0.2905,
0.3221

■ 98.8452, 0.3151,
0.3315

■ 80.1172, 0.2757,
0.3168

■ 99.7458, 0.3150,
0.3328

■ 74.5030, 0.2616,
0.3111

■ 69.4842, 0.2486,
0.3050

■ 65.0291, 0.2371,
0.2986

■ 61.1031, 0.2273,
0.2920

■ 57.6667, 0.2195,
0.2854

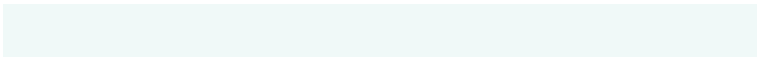
■ 54.6747, 0.2135,
0.2787

■ 52.0715, 0.2095,
0.2721

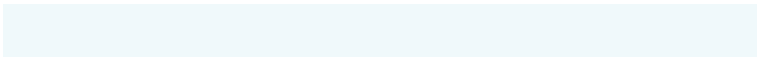
Harmonies

Analogous

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



93.2417, 0.3077, 0.3303



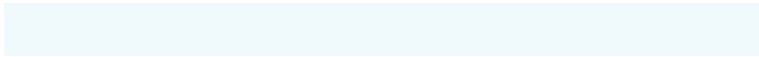
93.2417, 0.3059, 0.3270



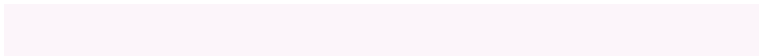
93.2417, 0.3059, 0.3243

Triad

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



93.2417, 0.3059, 0.3270



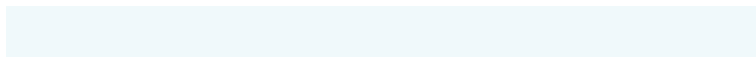
93.2417, 0.3146, 0.3249



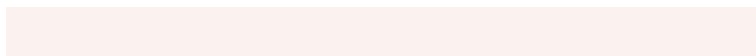
93.2417, 0.3177, 0.3352

Complementary

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



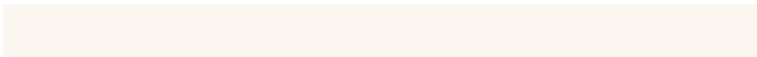
93.2417, 0.3059, 0.3270



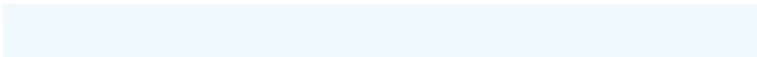
90.3141, 0.3198, 0.3310

Split Complementary

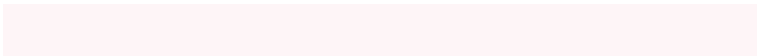
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2417, 0.3196, 0.3337



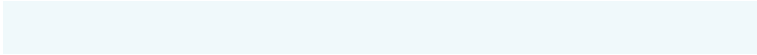
93.2417, 0.3059, 0.3270



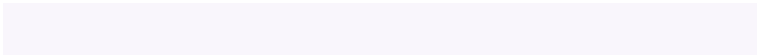
93.2417, 0.3178, 0.3278

Square

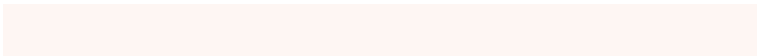
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.2417, 0.3059, 0.3270



93.2417, 0.3109, 0.3231



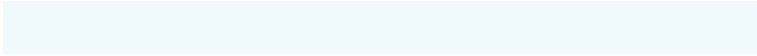
93.2417, 0.3196, 0.3310



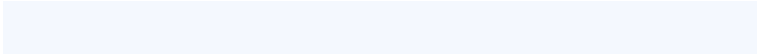
93.2417, 0.3145, 0.3350

Rectangle

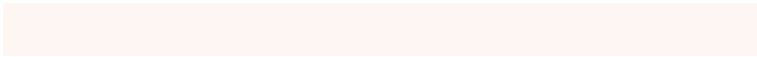
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.2417, 0.3059, 0.3270



93.2417, 0.3070, 0.3232



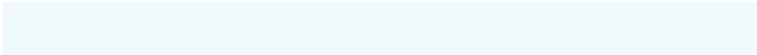
93.2417, 0.3196, 0.3310



93.2417, 0.3185, 0.3349

Sweetspot

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



93.2457, 0.3059, 0.3270



99.2231, 0.3112, 0.3286



93.9291, 0.3111, 0.3381



21.2460, 0.3112, 0.3286



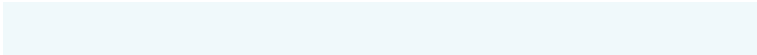
0.0000, 0.0000, 0.0000



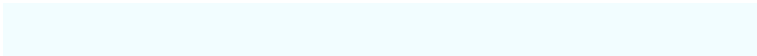
21.4041, 0.3127, 0.3290

Same Dimension

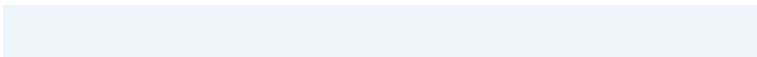
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2457, 0.3059, 0.3270



96.1865, 0.3049, 0.3267



89.9964, 0.3060, 0.3217



19.6036, 0.3039, 0.3264



26.8642, 0.2082, 0.2695



2.6234, 0.2104, 0.2774

Inverse Universe

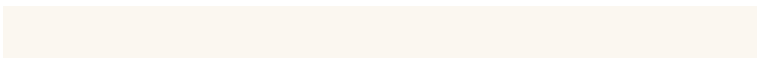
The Inverse Universe completely reimagines the original color for something new.



89.6735, 0.3144, 0.3202



91.9843, 0.3147, 0.3190



93.5344, 0.3195, 0.3362



18.6293, 0.3150, 0.3176



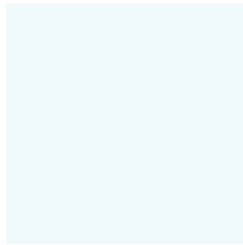
13.1229, 0.3733, 0.1830



1.2291, 0.3659, 0.1789

Previews

White Background



This preview shows how the Yxy color 93.2417, 0.3059, 0.3270 looks on a white background.

Color Contrast Check

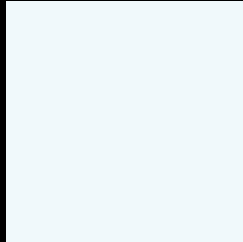
Large Text (above 18pt) WCAG AA × Fail

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 93.2417, 0.3059, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

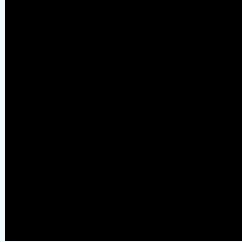
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2417, 0.3059, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 93.2417, 0.3059, 0.3270.

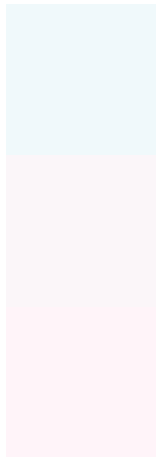


This preview shows how white text looks on a background with the Yxy color 93.2417, 0.3059, 0.3270.

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

93.2417, 0.3059, 0.3270

Protanopia

93.2603, 0.3141, 0.3261

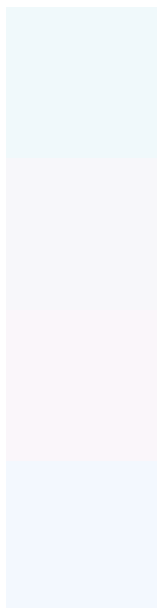
Deuteranopia

92.8009, 0.3168, 0.3242

Tritanopia

93.1540, 0.3068, 0.3212

Trichromacy



Original Color

93.2417, 0.3059, 0.3270

Protanomaly

93.1978, 0.3109, 0.3261

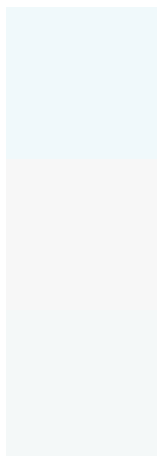
Deuteranomaly

93.1377, 0.3129, 0.3251

Tritanomaly

93.3452, 0.3061, 0.3231

Monochromacy



Original Color

93.2417, 0.3059, 0.3270

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.1452, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2417, 0.3059, 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(240, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(240, 249, 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(240, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 251) }
```

Border

The CSS property to change the border of an element to Yxy 93.2417, 0.3059, 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(240, 249, 251) }
```

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

```
.border{ border-color:rgb(240, 249, 251) }
```

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

Here you see how a box with a 4 pixel rgb(240, 249, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(240, 249,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2417, 0.3059, 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(240, 249, 251) }
```

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

```
.background{ background-color: rgb(240,  
249, 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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