

Converting Colors

$Yxy(93.0914, 0.3096, 0.3278)$

Have a look what the booklet for
Yxy(93.0914, 0.3096, 0.3278)
contains.

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Color

Yxy(93.2075, 0.3096, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F4F8F9
RGB	244, 248, 249
RGB Percent	96%, 97%, 98%
CMY	0.0431, 0.0274, 0.0235
CMYK	0.02, 0.00, 0.00, 0.02
HSL	192°, 29%, 97%
HSV	192°, 2%, 98%
XYZ	87.9788, 93.2075, 102.9829
YIQ	246.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

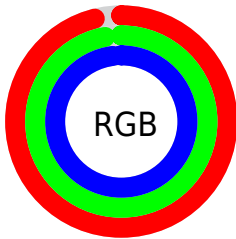
Format	Color
R_{YB}	244, 246, 249
Decimal	16054521
CIE _{Lab}	97.31, -1.13, -0.96
CIE _{LCh}	97, 1.478, 220.268
Yxy	93.2075, 0.3096, 0.3280
Android (android.graphics.Color)	4294244601 (0xFF4F8F9)
YUV	246.9180, 1.0264, -2.5591
Hunter-Lab	96.5440, -6.2883, 4.3365

Details

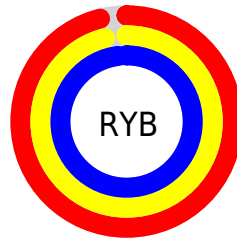
The Yxy color 93.2075, 0.3096, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.9926, 0.3159, 0.3300, and the grayscale version is 92.9394, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2409, 0.3088, 0.3277 is the 20% darker color. If you saturate the color by 10%, you get 86.0041, 0.2942, 0.3227, and if you desaturate by 10%, it is 98.3682, 0.3163, 0.3328.

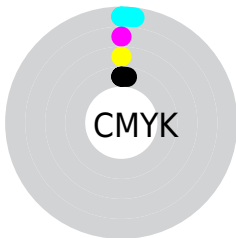
Distribution



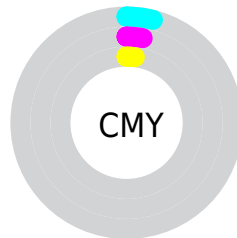
- Red (96%)
- Green (97%)
- Blue (98%)



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



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





- Cyan (4%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2075, 0.3096, 0.3280 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 93.2075, 0.3096, 0.3280 by changing the saturation by 10% instead.


 93.2075, 0.3096,
0.3280

 93.2075, 0.3096,
0.3280


538.4104, 0.3110,
0.3285

 70.6440, 0.3093,
0.3279


151.7859, 0.3101,
0.3282

 52.0517, 0.3089,
0.3278


188.5695, 0.3103,
0.3282

 37.0463, 0.3085,
0.3276

230.8619, 0.3104,
0.3283

 25.2433, 0.3079,
0.3274

279.0476, 0.3106,
0.3283

 16.2584, 0.3071,
0.3272

333.5109, 0.3107,
0.3284

 9.7072, 0.3061,
0.3268

394.6362, 0.3108,

 5.2053, 0.3046,

0.3284

0.3263

462.8079, 0.3109,
0.3284

■ 2.3682, 0.3021,
0.3255

■ 0.8095, 0.2968,
0.3239

■ 93.2075, 0.3096,
0.3280

■ 93.2075, 0.3096,
0.3280

■ 86.0041, 0.2942,
0.3227

■ 98.3682, 0.3163,
0.3328

■ 79.4570, 0.2791,
0.3169

■ 99.6202, 0.3162,
0.3347

■ 73.5438, 0.2647,
0.3107

■ 68.2364, 0.2512,
0.3040

■ 63.5043, 0.2391,
0.2970

■ 59.3141, 0.2286,
0.2897

■ 55.6283, 0.2200,
0.2823

■ 52.4039, 0.2133,
0.2748

■ 49.5890, 0.2086,
0.2674

Harmonies

Analogous

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



93.2075, 0.3104, 0.3295



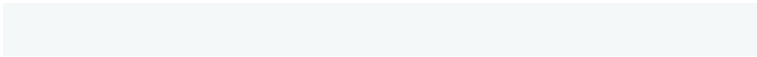
93.2075, 0.3096, 0.3280



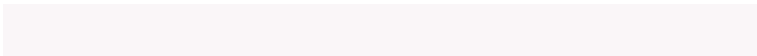
93.2075, 0.3097, 0.3268

Triad

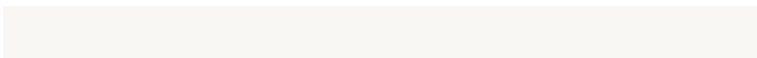
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.2075, 0.3096, 0.3280



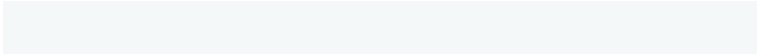
93.2075, 0.3137, 0.3272



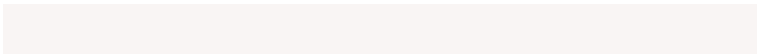
93.2075, 0.3149, 0.3318

Complementary

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



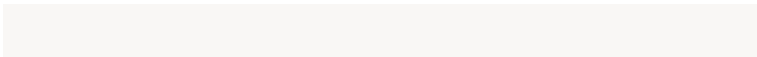
93.2075, 0.3096, 0.3280



91.9926, 0.3159, 0.3300

Split Complementary

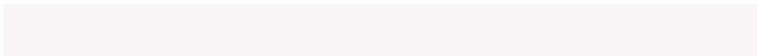
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2075, 0.3158, 0.3312



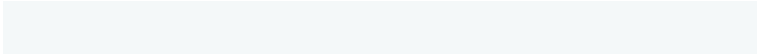
93.2075, 0.3096, 0.3280



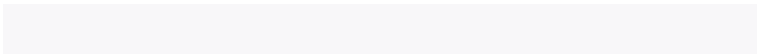
93.2075, 0.3151, 0.3286

Square

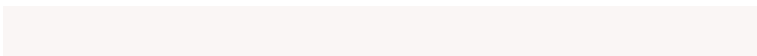
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



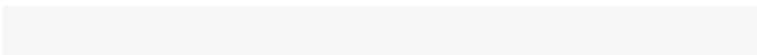
93.2075, 0.3096, 0.3280



93.2075, 0.3120, 0.3264



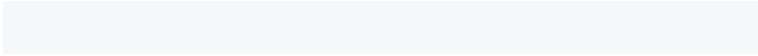
93.2075, 0.3159, 0.3300



93.2075, 0.3134, 0.3317

Rectangle

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



93.2075, 0.3096, 0.3280



93.2075, 0.3102, 0.3263



93.2075, 0.3159, 0.3300



93.2075, 0.3153, 0.3317

Sweetspot

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



93.2115, 0.3096, 0.3280



99.1916, 0.3112, 0.3285



93.5864, 0.3119, 0.3329



21.2396, 0.3112, 0.3285



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.



93.2115, 0.3096, 0.3280



98.3905, 0.3096, 0.3280



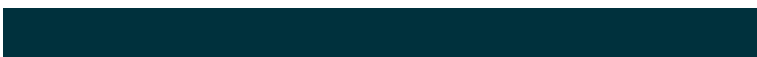
91.6915, 0.3097, 0.3256



20.1772, 0.3098, 0.3281



25.6694, 0.2063, 0.2628



2.5229, 0.2088, 0.2716

Inverse Universe

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



91.6289, 0.3135, 0.3251



96.7230, 0.3135, 0.3251



93.5086, 0.3158, 0.3324



19.8528, 0.3135, 0.3253



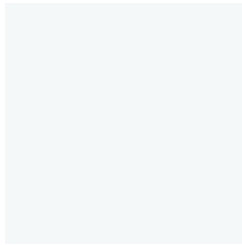
13.0022, 0.3797, 0.1866



1.2189, 0.3713, 0.1819

Previews

White Background



This preview shows how the Yxy color 93.2075, 0.3096, 0.3280 looks on a white background.

Color Contrast Check

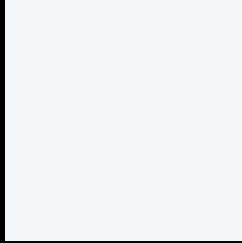
Large Text (above 18pt) WCAG AA × Fail

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 93.2075, 0.3096, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

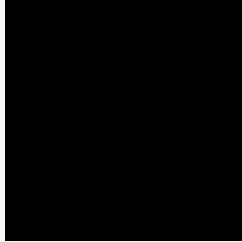
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

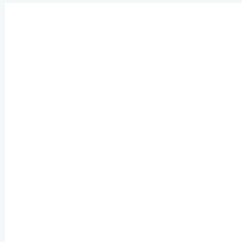
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2075, 0.3096, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 93.2075, 0.3096, 0.3280.

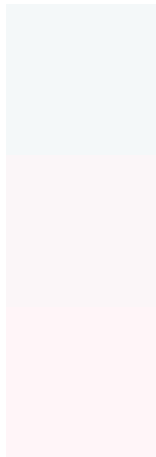


This preview shows how white text looks on a background with the Yxy color 93.2075, 0.3096, 0.3280.

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

93.2075, 0.3096, 0.3280

Protanopia

93.1981, 0.3147, 0.3271

Deuteranopia

93.3421, 0.3174, 0.3261

Tritanopia

92.9057, 0.3080, 0.3203

Trichromacy



Original Color

93.2075, 0.3096, 0.3280

Protanomaly

93.2553, 0.3128, 0.3280

Deuteranomaly

93.1981, 0.3147, 0.3271

Tritanomaly

93.2062, 0.3086, 0.3231

Monochromacy



Original Color

93.2075, 0.3096, 0.3280

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.8917, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2075, 0.3096, 0.3280 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(244, 248, 249)` looks like.

```
.text, #text, p{  
    color:rgb(244, 248, 249)  
}
```

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(244, 248, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 248, 249) }
```

Border

The CSS property to change the border of an element to Yxy 93.2075, 0.3096, 0.3280 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(244, 248, 249) }
```

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

```
.border{ border-color:rgb(244, 248, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 248, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 248, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 248, 249);  
box-shadow:4px 4px 4px 4px rgb(244, 248,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2075, 0.3096, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 248, 249) }
```

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

```
.background{ background-color: rgb(244,  
248, 249) }
```

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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