

Converting Colors

$Yxy(94.5645, 0.3073, 0.3232)$

Have a look what the booklet for
Yxy(94.5645, 0.3073, 0.3232)
contains.

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Color

Yxy(94.5642, 0.3073, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9FF
RGB	246, 249, 255
RGB Percent	96%, 98%, 100%
CMY	0.0356, 0.0234, 0.0000
CMYK	0.04, 0.02, 0.00, 0.00
HSL	219°, 100%, 98%
HSV	219°, 4%, 100%
XYZ	89.9121, 94.5642, 108.1110
YIQ	248.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

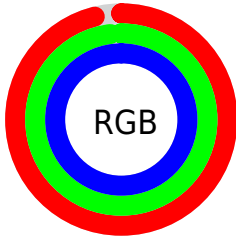
Format	Color
R _Y B	246, 248, 255
Decimal	16185855
CIE Lab	97.86, 0.06, -3.22
CIE LCh	98, 3.218, 271.025
Yxy	94.5642, 0.3073, 0.3232
Android (android.graphics.Color)	4294375935 (0xFF6F9FF)
YUV	248.7870, 3.0630, -2.4442
Hunter-Lab	97.2441, -5.1359, 2.1553

Details

The Yxy color 94.5642, 0.3073, 0.3232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.4620, 0.3182, 0.3347, and the grayscale version is 94.5188, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1643, 0.3066, 0.3228 is the 20% darker color. If you saturate the color by 10%, you get 80.3523, 0.2913, 0.3055, and if you desaturate by 10%, it is 99.9993, 0.3127, 0.3290.

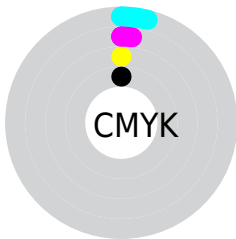
Distribution



- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- Blue (100%)



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.5642, 0.3073, 0.3232 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 94.5642, 0.3073, 0.3232 by changing the saturation by 10% instead.

 94.5642, 0.3073,
0.3232

 94.5642, 0.3073,
0.3232


542.7689, 0.3097,
0.3258

 71.7723, 0.3068,
0.3226


153.6624, 0.3081,
0.3241

 52.9727, 0.3061,
0.3220


190.7375, 0.3084,
0.3244

 37.7810, 0.3054,
0.3211


233.3424, 0.3087,
0.3247

 25.8127, 0.3044,
0.3201

281.8616, 0.3090,
0.3250

 16.6836, 0.3031,
0.3187

336.6795, 0.3092,
0.3252

 10.0092, 0.3013,
0.3167

398.1804, 0.3094,

 5.4050, 0.2987,

0.3254

0.3140

466.7487, 0.3095,
0.3256

■ 2.4868, 0.2946,
0.3095

■ 0.8700, 0.2870,
0.3015

■ 94.5642, 0.3073,
0.3232

■ 94.5642, 0.3073,
0.3232

■ 80.3523, 0.2913,
0.3055

99.9993, 0.3127,
0.3290

■ 67.6465, 0.2743,
0.2856

■ 56.3984, 0.2565,
0.2637

■ 46.5522, 0.2384,
0.2400

■ 38.0482, 0.2207,
0.2150

■ 30.8222, 0.2039,
0.1893

■ 24.8036, 0.1889,
0.1640

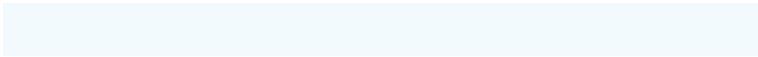
■ 19.9137, 0.1766,
0.1401

■ 16.0612, 0.1674,
0.1188

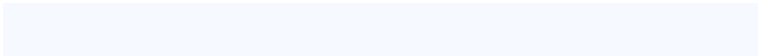
Harmonies

Analogous

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



94.5642, 0.3059, 0.3249



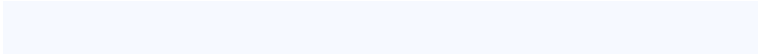
94.5642, 0.3073, 0.3232



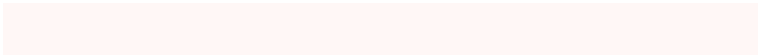
94.5642, 0.3102, 0.3230

Triad

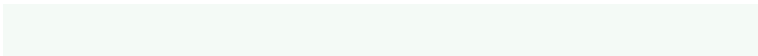
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.5642, 0.3073, 0.3232



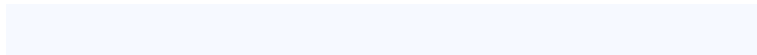
94.5642, 0.3192, 0.3302



94.5642, 0.3117, 0.3336

Complementary

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



94.5642, 0.3073, 0.3232



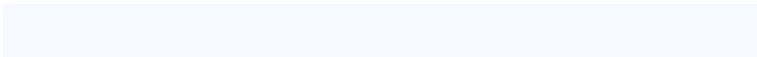
97.4620, 0.3182, 0.3347

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.



94.5642, 0.3153, 0.3351



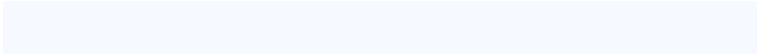
94.5642, 0.3073, 0.3232



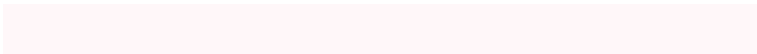
94.5642, 0.3196, 0.3331

Square

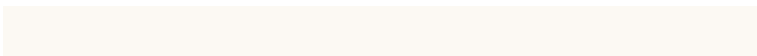
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.5642, 0.3073, 0.3232



94.5642, 0.3171, 0.3271



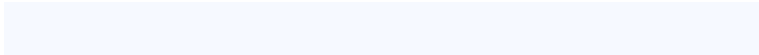
94.5642, 0.3182, 0.3349



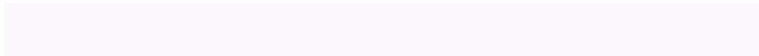
94.5642, 0.3084, 0.3309

Rectangle

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



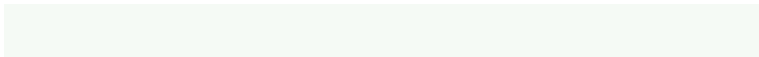
94.5642, 0.3073, 0.3232



94.5642, 0.3125, 0.3238



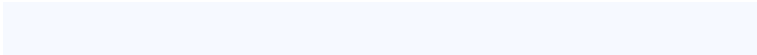
94.5642, 0.3182, 0.3349



94.5642, 0.3129, 0.3343

Sweetspot

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



94.5682, 0.3073, 0.3232



98.4532, 0.3112, 0.3274



98.1105, 0.3089, 0.3321



21.0894, 0.3113, 0.3275



0.0000, 0.0000, 0.0000



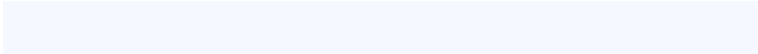
21.4041, 0.3127, 0.3290

Same Dimension

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



94.5682, 0.3073, 0.3232



93.9071, 0.3066, 0.3225



92.9169, 0.3082, 0.3202



19.8607, 0.3054, 0.3212



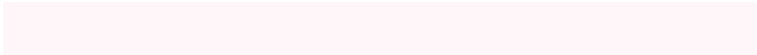
7.5941, 0.1638, 0.1097



0.9330, 0.1700, 0.1321

Inverse Universe

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



93.9697, 0.3167, 0.3260



93.2389, 0.3172, 0.3257



99.1640, 0.3171, 0.3377



19.6933, 0.3181, 0.3250



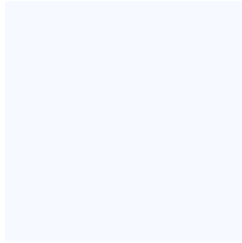
11.4946, 0.5615, 0.2867



1.1387, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 94.5642, 0.3073, 0.3232 looks on a white background.

Color Contrast Check

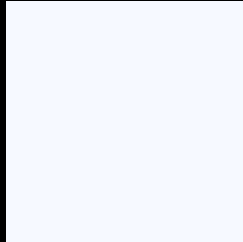
Large Text (above 18pt) WCAG AA × Fail

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 94.5642, 0.3073, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

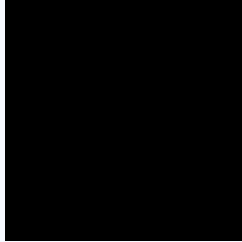
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

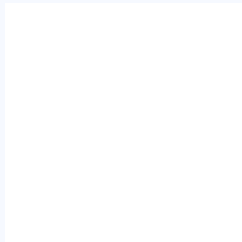
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.5642, 0.3073, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 94.5642, 0.3073, 0.3232.

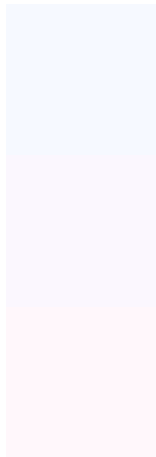


This preview shows how white text looks on a background with the Yxy color 94.5642, 0.3073, 0.3232.

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

94.5642, 0.3073, 0.3232

Protanopia

94.1865, 0.3111, 0.3223

Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.5642, 0.3073, 0.3232

Protanomaly

94.4303, 0.3098, 0.3232

Deuteranomaly

94.8585, 0.3129, 0.3252

Tritanomaly

94.1290, 0.3080, 0.3222

Monochromacy



Original Color

94.5642, 0.3073, 0.3232

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.6729, 0.3109, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5642, 0.3073, 0.3232 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(246, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 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(246, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.5642, 0.3073, 0.3232 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(246, 249, 255) }
```

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

```
.border{ border-color:rgb(246, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5642, 0.3073, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 255) }
```

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

```
.background{ background-color: rgb(246,  
249, 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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