

Converting Colors

$Y_{xy}(100.0000, 0.2686, 0.2604)$

Have a look what the booklet for
Yxy(100.0000, 0.2686, 0.2604)
contains.

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Color

Yxy(94.2045, 0.3061, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	F4F9FF
RGB	244, 249, 255
RGB Percent	96%, 98%, 100%
CMY	0.0430, 0.0236, 0.0000
CMYK	0.04, 0.02, 0.00, 0.00
HSL	213°, 100%, 98%
HSV	213°, 4%, 100%
XYZ	89.2479, 94.2045, 108.1121
YIQ	248.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

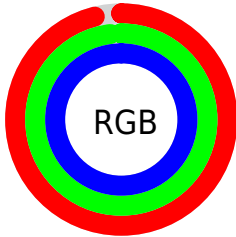
Format	Color
RYB	244, 247, 255
Decimal	16054783
CIELab	97.71, -0.53, -3.47
CIELCh	98, 3.508, 261.295
Yxy	94.2045, 0.3061, 0.3231
Android (android.graphics.Color)	4294244863 (0xFFFF4F9FF)
YUV	248.1890, 3.3578, -3.6738
Hunter-Lab	97.0590, -5.7186, 1.8993

Details

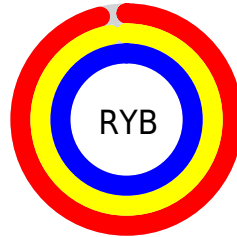
The Yxy color 94.2045, 0.3061, 0.3231 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.1964, 0.3194, 0.3348, and the grayscale version is 94.0125, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9085, 0.3051, 0.3228 is the 20% darker color. If you saturate the color by 10%, you get 81.6312, 0.2902, 0.3083, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

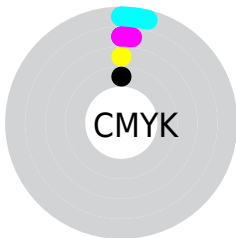
Distribution



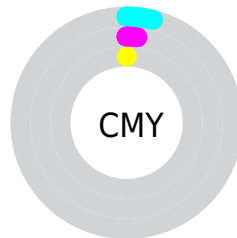
- Red (96%)
- Green (98%)
- Blue (100%)



- 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 94.2045, 0.3061, 0.3231 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 94.2045, 0.3061, 0.3231 by changing the saturation by 10% instead.

 94.2045, 0.3061,
0.3231

 94.2045, 0.3061,
0.3231


541.6151, 0.3090,
0.3257

 71.4731, 0.3055,
0.3225


153.1651, 0.3071,
0.3240

 52.7283, 0.3047,
0.3218


190.1631, 0.3075,
0.3243

 37.5859, 0.3037,
0.3210

232.6854, 0.3078,
0.3246

 25.6615, 0.3025,
0.3199

281.1164, 0.3081,
0.3249

 16.5706, 0.3009,
0.3185

335.8404, 0.3084,
0.3251

 9.9288, 0.2987,
0.3165

397.2420, 0.3086,

 5.3518, 0.2956,

0.3254

0.3136

465.7054, 0.3088,
0.3255

■ 2.4551, 0.2905,
0.3091

■ 0.8540, 0.2812,
0.3007

■ 94.2045, 0.3061,
0.3231

■ 94.2045, 0.3061,
0.3231

■ 81.6312, 0.2902,
0.3083

100.0000, 0.3127,
0.3290

■ 70.2905, 0.2736,
0.2918

■ 60.1426, 0.2567,
0.2736

■ 51.1429, 0.2398,
0.2540

■ 43.2436, 0.2235,
0.2332

■ 36.3930, 0.2084,
0.2116

■ 30.5341, 0.1951,
0.1900

■ 25.6024, 0.1840,
0.1689

■ 21.5224, 0.1756,
0.1492

Harmonies

Analogous

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



94.2045, 0.3052, 0.3254



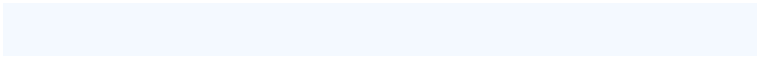
94.2045, 0.3061, 0.3231



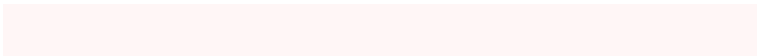
94.2045, 0.3088, 0.3224

Triad

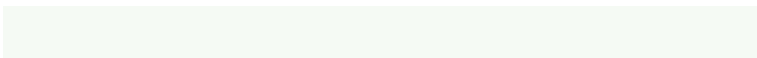
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.2045, 0.3061, 0.3231



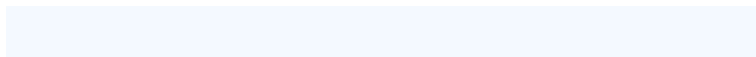
94.2045, 0.3192, 0.3292



94.2045, 0.3129, 0.3347

Complementary

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



94.2045, 0.3061, 0.3231



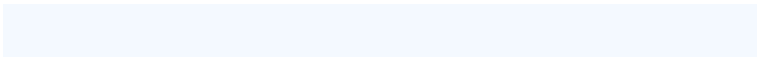
96.1964, 0.3194, 0.3348

Split Complementary

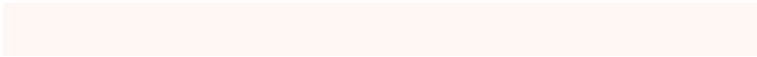
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2045, 0.3166, 0.3358



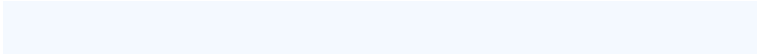
94.2045, 0.3061, 0.3231



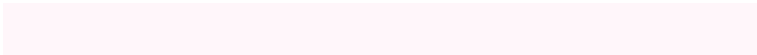
94.2045, 0.3203, 0.3325

Square

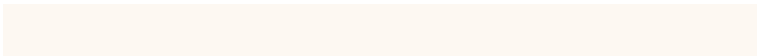
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



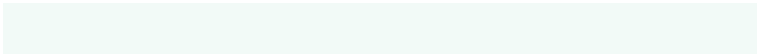
94.2045, 0.3061, 0.3231



94.2045, 0.3164, 0.3259



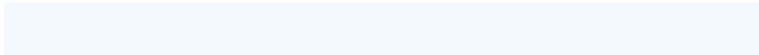
94.2045, 0.3194, 0.3349



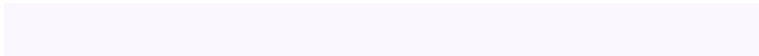
94.2045, 0.3091, 0.3322

Rectangle

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



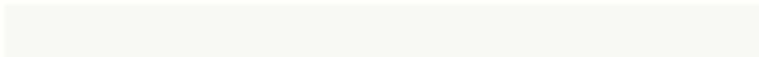
94.2045, 0.3061, 0.3231



94.2045, 0.3112, 0.3229



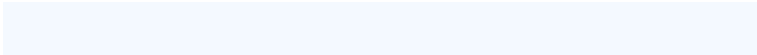
94.2045, 0.3194, 0.3349



94.2045, 0.3142, 0.3353

Sweetspot

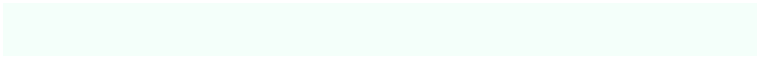
The Sweet Spot groups the original color and five complimentary colors.



94.2065, 0.3061, 0.3231



98.6307, 0.3112, 0.3277



97.6555, 0.3089, 0.3340



21.1255, 0.3113, 0.3277



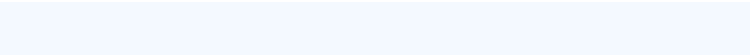
0.0000, 0.0000, 0.0000



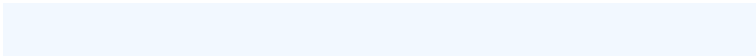
21.4041, 0.3127, 0.3290

Same Dimension

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



94.2065, 0.3061, 0.3231



93.2819, 0.3050, 0.3221



91.2522, 0.3065, 0.3183



19.7696, 0.3039, 0.3212



10.4902, 0.1727, 0.1416



1.2361, 0.1787, 0.1633

Inverse Universe

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



92.8252, 0.3168, 0.3242



91.6911, 0.3175, 0.3235



99.2449, 0.3188, 0.3395



19.3851, 0.3182, 0.3227



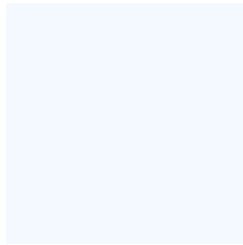
11.7870, 0.5169, 0.2621



1.1693, 0.4890, 0.2467

Previews

White Background



This preview shows how the Yxy color 94.2045, 0.3061, 0.3231 looks on a white background.

Color Contrast Check

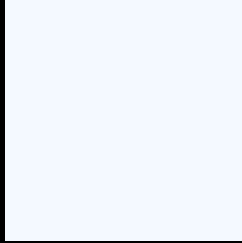
Large Text (above 18pt) WCAG AA × Fail

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 94.2045, 0.3061, 0.3231 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

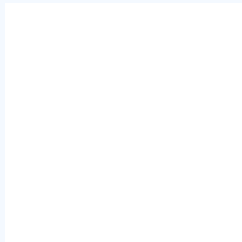
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2045, 0.3061, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 94.2045, 0.3061, 0.3231.

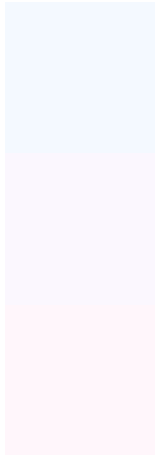


This preview shows how white text looks on a background with the Yxy color 94.2045, 0.3061, 0.3231.

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

94.2045, 0.3061, 0.3231

Protanopia

94.1865, 0.3111, 0.3223

Deuteranopia

94.1366, 0.3155, 0.3242

Tritanopia

94.1290, 0.3080, 0.3222

Trichromacy



Original Color

94.2045, 0.3061, 0.3231

Protanomaly

94.2470, 0.3092, 0.3232

Deuteranomaly

94.0590, 0.3123, 0.3242

Tritanomaly

93.9476, 0.3074, 0.3222

Monochromacy



Original Color

94.2045, 0.3061, 0.3231

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8740, 0.3103, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2045, 0.3061, 0.3231 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, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 249, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.2045, 0.3061, 0.3231 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, 249, 255) }
```

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

```
.border{ border-color:rgb(244, 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(244, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 249,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2045, 0.3061, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 249, 255) }
```

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

```
.background{ background-color: rgb(244,  
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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