

Converting Colors

$Yxy(93.9875, 0.2922, 0.3045)$

Have a look what the booklet for
Yxy(93.9875, 0.2922, 0.3045)
contains.

Yxy(92.5319, 0.3024, 0.3221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.5319, 0.3024, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	EEF8FF
RGB	238, 248, 255
RGB Percent	93%, 97%, 100%
CMY	0.0667, 0.0274, 0.0001
CMYK	0.07, 0.03, 0.00, 0.00
HSL	205°, 100%, 97%
HSV	205°, 7%, 100%
XYZ	86.8725, 92.5319, 107.8725
YIQ	245.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

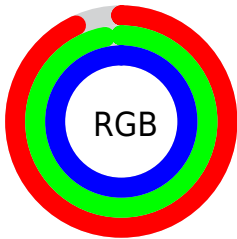
Format	Color
R _Y B	238, 244, 255
Decimal	15661311
CIE Lab	97.04, -2.00, -4.49
CIE LCh	97, 4.911, 246.025
Yxy	92.5319, 0.3024, 0.3221
Android (android.graphics.Color)	4293851391 (0xFFEEF8FF)
YUV	245.8080, 4.5317, -6.8476
Hunter-Lab	96.1935, -7.1349, 0.8470

Details

The Yxy color 92.5319, 0.3024, 0.3221 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.7127, 0.3235, 0.3358, and the grayscale version is 91.9643, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7216, 0.3004, 0.3214 is the 20% darker color. If you saturate the color by 10%, you get 82.1748, 0.2866, 0.3108, and if you desaturate by 10%, it is 99.9988, 0.3127, 0.3290.

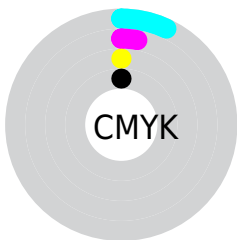
Distribution



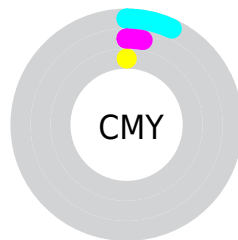
- Red (93%)
- Green (97%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5319, 0.3024, 0.3221 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 92.5319, 0.3024, 0.3221 by changing the saturation by 10% instead.

92.5319, 0.3024,
0.3221

92.5319, 0.3024,
0.3221

536.2331, 0.3070,
0.3252

70.0825, 0.3014,
0.3214

150.8504, 0.3039,
0.3231

51.5938, 0.3002,
0.3206

187.4882, 0.3046,
0.3236

36.6814, 0.2987,
0.3196

229.6244, 0.3051,
0.3239

24.9609, 0.2968,
0.3183

277.6432, 0.3056,
0.3242

16.0479, 0.2943,
0.3166

331.9291, 0.3060,
0.3245

9.5581, 0.2909,
0.3142

392.8664, 0.3063,

5.1069, 0.2859,

0.3248

0.3107

460.8396, 0.3067,
0.3250

■ 2.3101, 0.2779,
0.3051

■ 0.7791, 0.2614,
0.2944

■ 92.5319, 0.3024,
0.3221

■ 92.5319, 0.3024,
0.3221

■ 82.1748, 0.2866,
0.3108

99.9988, 0.3127,
0.3290

■ 72.7666, 0.2707,
0.2983

■ 64.2773, 0.2549,
0.2847

■ 56.6705, 0.2397,
0.2700

■ 49.9069, 0.2255,
0.2546

■ 43.9436, 0.2128,
0.2386

■ 38.7323, 0.2020,
0.2225

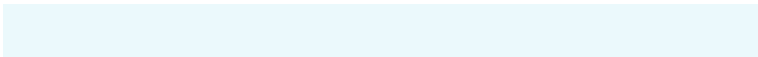
■ 34.2175, 0.1933,
0.2064

■ 30.3310, 0.1868,
0.1909

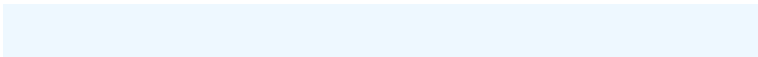
Harmonies

Analogous

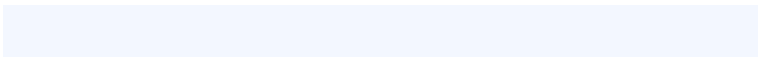
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5319, 0.3025, 0.3262



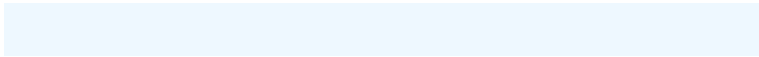
92.5319, 0.3024, 0.3221



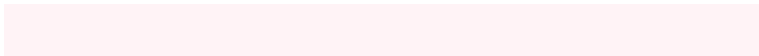
92.5319, 0.3050, 0.3199

Triad

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



92.5319, 0.3024, 0.3221



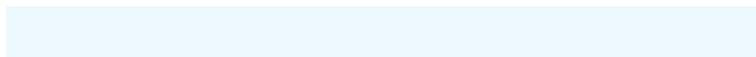
92.5319, 0.3201, 0.3268



92.5319, 0.3157, 0.3381

Complementary

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



92.5319, 0.3024, 0.3221



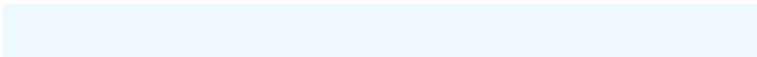
92.7127, 0.3235, 0.3358

Split Complementary

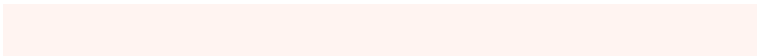
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5319, 0.3205, 0.3382



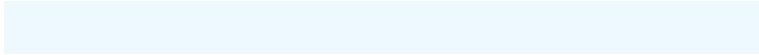
92.5319, 0.3024, 0.3221



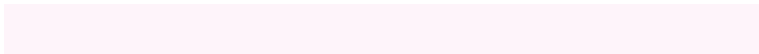
92.5319, 0.3230, 0.3317

Square

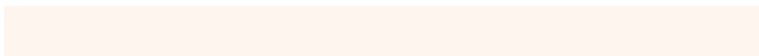
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



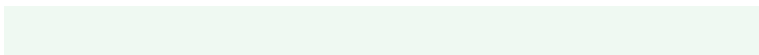
92.5319, 0.3024, 0.3221



92.5319, 0.3152, 0.3226



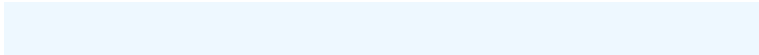
92.5319, 0.3232, 0.3358



92.5319, 0.3102, 0.3356

Rectangle

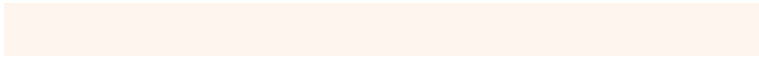
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5319, 0.3024, 0.3221



92.5319, 0.3079, 0.3197



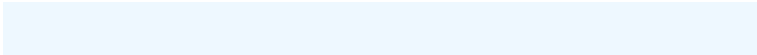
92.5319, 0.3232, 0.3358



92.5319, 0.3175, 0.3385

Sweetspot

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



92.5358, 0.3024, 0.3221



97.7174, 0.3096, 0.3270



96.2639, 0.3081, 0.3391



20.9396, 0.3098, 0.3271



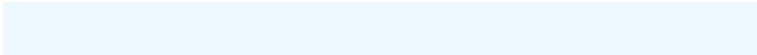
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



92.5358, 0.3024, 0.3221



91.1086, 0.3003, 0.3207



87.5339, 0.3025, 0.3138



19.1582, 0.2979, 0.3190



15.5308, 0.1857, 0.1883



1.7274, 0.1905, 0.2059

Inverse Universe

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



89.1797, 0.3178, 0.3193



87.1403, 0.3189, 0.3173



97.8584, 0.3228, 0.3438



18.1668, 0.3201, 0.3151



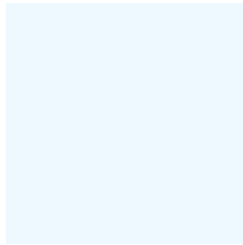
12.2958, 0.4587, 0.2301



1.2189, 0.4386, 0.2190

Previews

White Background



This preview shows how the Yxy color 92.5319, 0.3024, 0.3221 looks on a white background.

Color Contrast Check

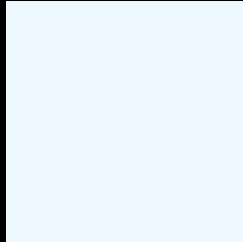
Large Text (above 18pt) WCAG AA × Fail

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 92.5319, 0.3024, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

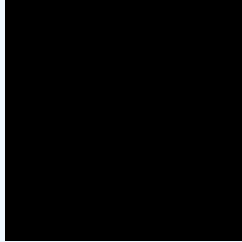
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

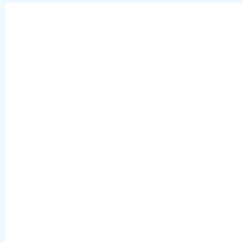
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5319, 0.3024, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 92.5319, 0.3024, 0.3221.

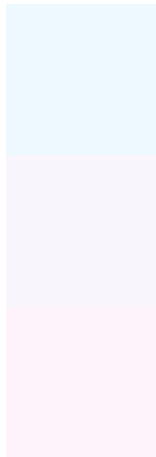


This preview shows how white text looks on a background with the Yxy color 92.5319, 0.3024, 0.3221.

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

92.5319, 0.3024, 0.3221

Protanopia

92.5364, 0.3105, 0.3212

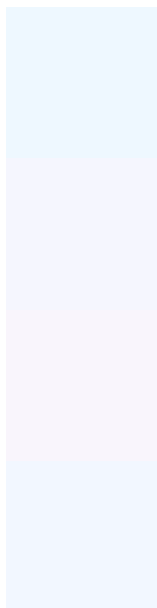
Deuteranopia

92.3262, 0.3157, 0.3213

Tritanopia

92.3646, 0.3062, 0.3202

Trichromacy



Original Color

92.5319, 0.3024, 0.3221

Protanomaly

92.4798, 0.3074, 0.3212

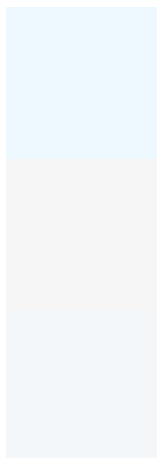
Deuteranomaly

92.4728, 0.3111, 0.3222

Tritanomaly

92.6188, 0.3049, 0.3211

Monochromacy



Original Color

92.5319, 0.3024, 0.3221

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4158, 0.3090, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5319, 0.3024, 0.3221 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(238, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 248, 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(238, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 248, 255) }
```

Border

The CSS property to change the border of an element to Yxy 92.5319, 0.3024, 0.3221 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(238, 248, 255) }
```

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

```
.border{ border-color:rgb(238, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 248,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5319, 0.3024, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 248, 255) }
```

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

```
.background{ background-color: rgb(238,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor