

Converting Colors

$Yxy(89.7437, 0.2933, 0.3002)$

Have a look what the booklet for
Yxy(89.7437, 0.2933, 0.3002)
contains.

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Color

Yxy(88.9014, 0.3024, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	EEF2FF
RGB	238, 242, 255
RGB Percent	93%, 95%, 100%
CMY	0.0669, 0.0509, 0.0000
CMYK	0.07, 0.05, 0.00, 0.00
HSL	226°, 100%, 97%
HSV	226°, 7%, 100%
XYZ	85.0483, 88.9014, 107.2948
YIQ	242.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

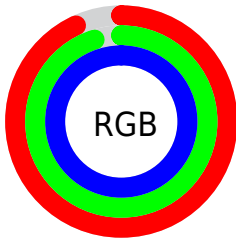
Format	Color
R _Y B	238, 241, 255
Decimal	15659775
CIE Lab	95.54, 1.04, -6.71
CIE LCh	96, 6.794, 278.816
Yxy	88.9014, 0.3024, 0.3161
Android (android.graphics.Color)	4293849855 (0xFFEEF2FF)
YUV	242.2860, 6.2680, -3.7588
Hunter-Lab	94.2875, -3.9943, -1.4680

Details

The Yxy color **88.9014, 0.3024, 0.3161** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96.3734, 0.3230, 0.3416**, and the grayscale version is **88.9800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1401, 0.3004, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **73.8564, 0.2858, 0.2948**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

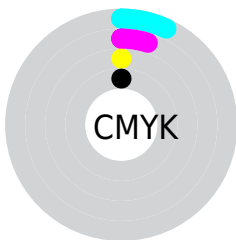
Distribution



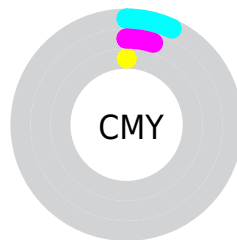
- Red (93%)
- Green (95%)
- Blue (100%)



- Red (93%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9014, 0.3024, 0.3161 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 88.9014, 0.3024, 0.3161 by changing the saturation by 10% instead.

88.9014, 0.3024,
0.3161

88.9014, 0.3024,
0.3161

524.4506, 0.3070,
0.3218

67.0698, 0.3014,
0.3148

145.8114, 0.3040,
0.3181

49.1414, 0.3001,
0.3133

181.6587, 0.3046,
0.3188

34.7316, 0.2986,
0.3114

222.9467, 0.3051,
0.3195

23.4562, 0.2966,
0.3090

270.0597, 0.3056,
0.3201

14.9307, 0.2940,
0.3058

323.3822, 0.3060,
0.3206

8.7708, 0.2904,
0.3013

383.2986, 0.3064,

4.5920, 0.2851,

0.3211

0.2948

450.1933, 0.3067,
0.3215

■ 2.0099, 0.2766,
0.2844

■ 0.6132, 0.2568,
0.2588

■ 88.9014, 0.3024,
0.3161

■ 88.9014, 0.3024,
0.3161

■ 73.8564, 0.2858,
0.2948

100.0000, 0.3127,
0.3290

■ 60.5945, 0.2680,
0.2709

■ 49.0504, 0.2492,
0.2447

■ 39.1520, 0.2299,
0.2167

■ 30.8213, 0.2111,
0.1877

■ 23.9742, 0.1936,
0.1589

■ 18.5177, 0.1784,
0.1319

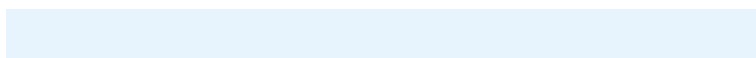
■ 14.3471, 0.1666,
0.1081

■ 11.3395, 0.1586,
0.0891

Harmonies

Analogous

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



88.9014, 0.2985, 0.3189



88.9014, 0.3024, 0.3161



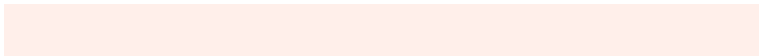
88.9014, 0.3091, 0.3167

Triad

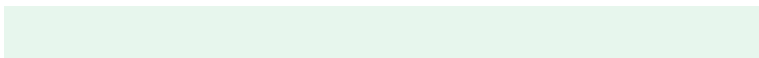
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9014, 0.3024, 0.3161



88.9014, 0.3274, 0.3333



88.9014, 0.3085, 0.3377

Complementary

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



88.9014, 0.3024, 0.3161



96.3734, 0.3230, 0.3416

Split Complementary

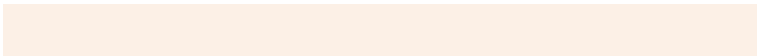
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9014, 0.3162, 0.3417



88.9014, 0.3024, 0.3161



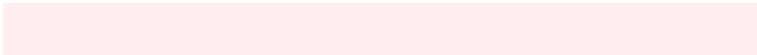
88.9014, 0.3272, 0.3390

Square

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



88.9014, 0.3024, 0.3161



88.9014, 0.3236, 0.3266



88.9014, 0.3231, 0.3421



88.9014, 0.3019, 0.3314

Rectangle

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



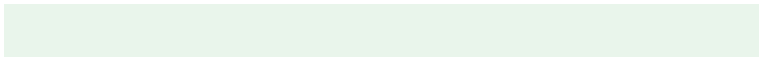
88.9014, 0.3024, 0.3161



88.9014, 0.3143, 0.3190



88.9014, 0.3231, 0.3421



88.9014, 0.3110, 0.3394

Sweetspot

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



88.9043, 0.3024, 0.3161



96.5949, 0.3097, 0.3253



96.6353, 0.3047, 0.3332



20.7110, 0.3099, 0.3255



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.



88.9043, 0.3024, 0.3161



86.8287, 0.3003, 0.3135



87.2484, 0.3052, 0.3122



18.0831, 0.2979, 0.3104



5.7073, 0.1573, 0.0864



0.7161, 0.1630, 0.1068

Inverse Universe

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



88.7869, 0.3215, 0.3251



86.7083, 0.3234, 0.3243



98.1497, 0.3199, 0.3456



18.0583, 0.3256, 0.3233



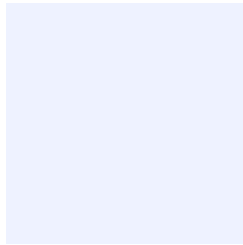
11.3041, 0.5969, 0.3062



1.1168, 0.5657, 0.2890

Previews

White Background



This preview shows how the Yxy color 88.9014, 0.3024, 0.3161 looks on a white background.

Color Contrast Check

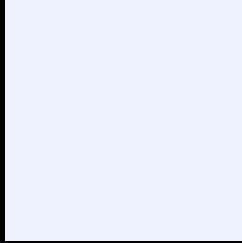
Large Text (above 18pt) WCAG AA × Fail

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 88.9014, 0.3024, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

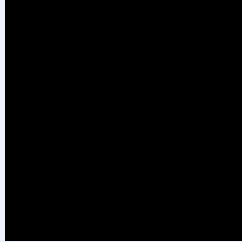
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

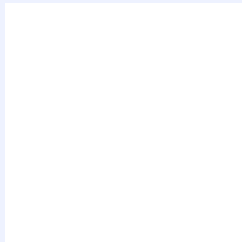
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9014, 0.3024, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 88.9014, 0.3024, 0.3161.



This preview shows how white text looks on a background with the Yxy color 88.9014, 0.3024, 0.3161.

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

88.9014, 0.3024, 0.3161

Protanopia

89.1210, 0.3062, 0.3162

Deuteranopia

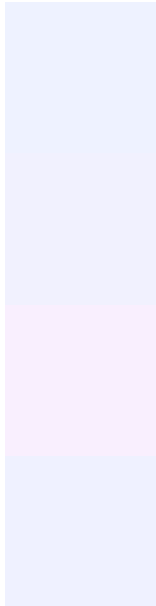
88.9202, 0.3148, 0.3136



Tritanopia

88.6559, 0.3037, 0.3152

Trichromacy



Original Color

88.9014, 0.3024, 0.3161

Protanomaly

88.7671, 0.3049, 0.3162

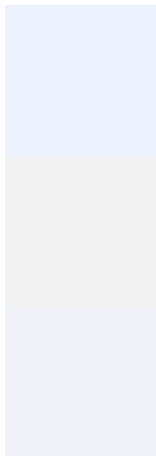
Deuteranomaly

89.0285, 0.3101, 0.3144

Tritanomaly

88.4813, 0.3031, 0.3151

Monochromacy



Original Color

88.9014, 0.3024, 0.3161

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.9204, 0.3091, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9014, 0.3024, 0.3161 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, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 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, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.9014, 0.3024, 0.3161 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, 242, 255) }
```

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

```
.border{ border-color:rgb(238, 242, 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, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9014, 0.3024, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 255) }
```

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

```
.background{ background-color: rgb(238,  
242, 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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