

Converting Colors

Yxy(89.9815, 0.3071, 0.3193)

Have a look what the booklet for
Yxy(89.9815, 0.3071, 0.3193)
contains.

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Color

Yxy(90.1841, 0.3074, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	F3F3FC
RGB	243, 243, 252
RGB Percent	95%, 95%, 99%
CMY	0.0467, 0.0471, 0.0117
CMYK	0.04, 0.04, 0.00, 0.01
HSL	241°, 60%, 97%
HSV	241°, 4%, 99%
XYZ	86.6060, 90.1841, 104.9471
YIQ	244.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

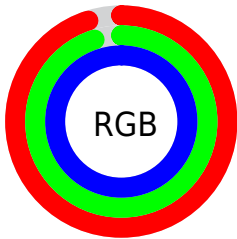
Format	Color
R_{YB}	243, 243, 252
Decimal	15987708
CIE Lab	96.07, 1.66, -4.33
CIE LCh	96, 4.640, 291.015
Yxy	90.1841, 0.3074, 0.3201
Android (android.graphics.Color)	4294177788 (0xFFFF3F3FC)
YUV	244.0260, 3.9312, -0.8998
Hunter-Lab	94.9653, -3.4017, 0.9537

Details

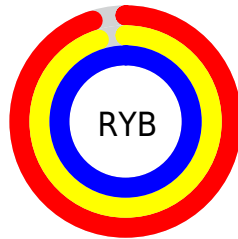
The Yxy color **90.1841, 0.3074, 0.3201** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.7767, 0.3179, 0.3378**, and the grayscale version is **90.4702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0456, 0.3066, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **71.9897, 0.2911, 0.2929**, and if you desaturate by 10%, it is **99.8091, 0.3144, 0.3318**.

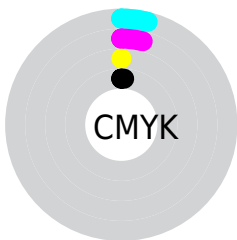
Distribution



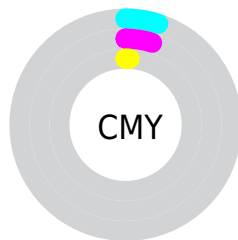
- Red (95%)
- Green (95%)
- Blue (99%)



- Red (95%)
- Yellow (95%)
- Blue (99%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.1841, 0.3074, 0.3201 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 90.1841, 0.3074, 0.3201 by changing the saturation by 10% instead.

90.1841, 0.3074,
0.3201

90.1841, 0.3074,
0.3201

528.6295, 0.3098,
0.3241

68.1333, 0.3069,
0.3192

147.5941, 0.3082,
0.3214

50.0062, 0.3062,
0.3182

183.7221, 0.3085,
0.3220

35.4183, 0.3054,
0.3169

225.3114, 0.3088,
0.3224

23.9853, 0.3044,
0.3152

272.7462, 0.3090,
0.3228

15.3227, 0.3031,
0.3130

326.4110, 0.3093,
0.3232

9.0462, 0.3012,
0.3100

386.6903, 0.3095,

4.7713, 0.2985,

0.3235

453.9683, 0.3096,
0.3238

0.3056

■ 2.1137, 0.2941,
0.2985

■ 0.6723, 0.2845,
0.2815

■ 90.1841, 0.3074,
0.3201

■ 90.1841, 0.3074,
0.3201

■ 71.9897, 0.2911,
0.2929

99.8091, 0.3144,
0.3318

■ 56.3551, 0.2728,
0.2623

■ 43.1688, 0.2526,
0.2287

■ 32.3071, 0.2312,
0.1931

■ 23.6351, 0.2097,
0.1574

■ 17.0043, 0.1895,
0.1241

■ 12.2477, 0.1724,
0.0960

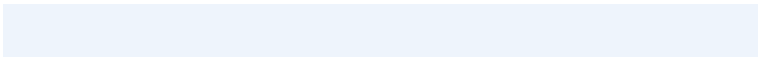
■ 9.1721, 0.1598,
0.0755

■ 7.5422, 0.1525,
0.0638

Harmonies

Analogous

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



90.1841, 0.3038, 0.3211



90.1841, 0.3074, 0.3201



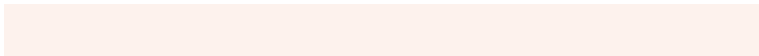
90.1841, 0.3124, 0.3215

Triad

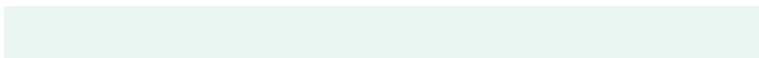
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1841, 0.3074, 0.3201



90.1841, 0.3229, 0.3337



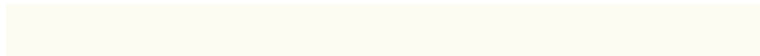
90.1841, 0.3079, 0.3333

Complementary

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



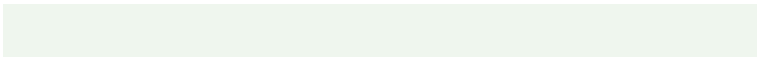
90.1841, 0.3074, 0.3201



96.7767, 0.3179, 0.3378

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.



90.1841, 0.3130, 0.3367



90.1841, 0.3074, 0.3201



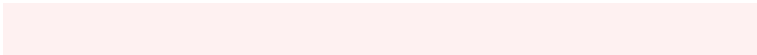
90.1841, 0.3217, 0.3369

Square

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



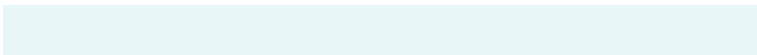
90.1841, 0.3074, 0.3201



90.1841, 0.3214, 0.3292



90.1841, 0.3180, 0.3381



90.1841, 0.3041, 0.3287

Rectangle

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



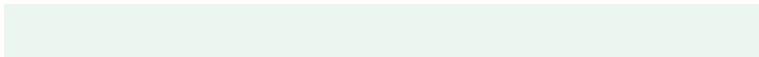
90.1841, 0.3074, 0.3201



90.1841, 0.3159, 0.3235



90.1841, 0.3180, 0.3381



90.1841, 0.3095, 0.3346

Sweetspot

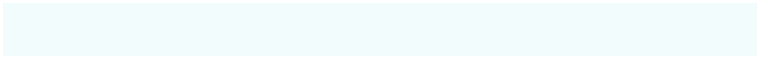
The Sweet Spot groups the original color and five complimentary colors.



90.1879, 0.3074, 0.3201



97.9089, 0.3113, 0.3266



95.7088, 0.3071, 0.3290



20.9786, 0.3113, 0.3267



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.



90.1879, 0.3074, 0.3201



91.8017, 0.3068, 0.3190



90.9827, 0.3102, 0.3202



18.5084, 0.3056, 0.3171



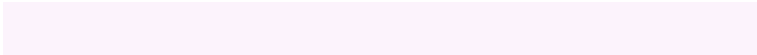
3.6753, 0.1504, 0.0602



0.3437, 0.1512, 0.0607

Inverse Universe

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



91.8093, 0.3132, 0.3204



93.6562, 0.3132, 0.3194



95.9630, 0.3151, 0.3378



18.9567, 0.3133, 0.3176



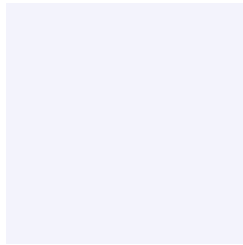
14.3473, 0.3238, 0.1558



1.3299, 0.3235, 0.1556

Previews

White Background



This preview shows how the Yxy color 90.1841, 0.3074, 0.3201 looks on a white background.

Color Contrast Check

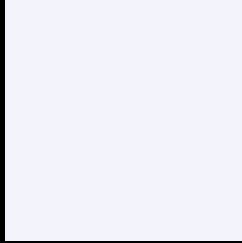
Large Text (above 18pt) WCAG AA × Fail

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 90.1841, 0.3074, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

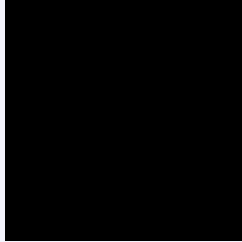
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

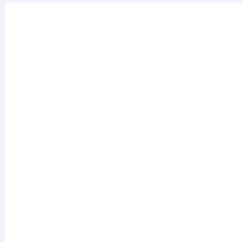
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1841, 0.3074, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 90.1841, 0.3074, 0.3201.

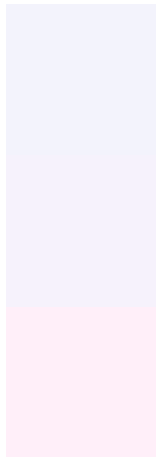


This preview shows how white text looks on a background with the Yxy color 90.1841, 0.3074, 0.3201.

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

90.1841, 0.3074, 0.3201

Protanopia

90.1254, 0.3093, 0.3192

Deuteranopia

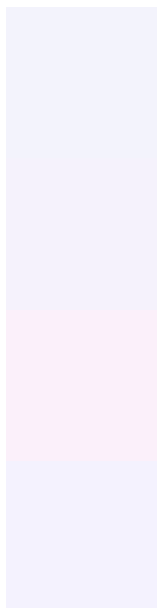
89.8326, 0.3171, 0.3193



Tritanopia

89.9574, 0.3062, 0.3163

Trichromacy



Original Color

90.1841, 0.3074, 0.3201

Protanomaly

89.9450, 0.3087, 0.3192

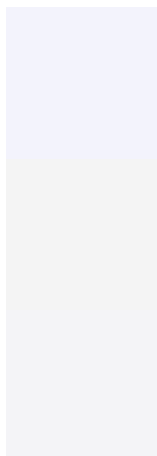
Deuteranomaly

89.7315, 0.3138, 0.3193

Tritanomaly

89.8931, 0.3068, 0.3172

Monochromacy



Original Color

90.1841, 0.3074, 0.3201

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.6499, 0.3109, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1841, 0.3074, 0.3201 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(243, 243, 252)` looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 252)  
}
```

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(243, 243, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 252) }
```

Border

The CSS property to change the border of an element to Yxy 90.1841, 0.3074, 0.3201 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(243, 243, 252) }
```

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

```
.border{ border-color:rgb(243, 243, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 243, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 252);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1841, 0.3074, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 252) }
```

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

```
.background{ background-color: rgb(243,  
243, 252) }
```

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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