

Converting Colors

Yxy(92.4861, 0.3071, 0.3244)

Have a look what the booklet for
Yxy(92.4861, 0.3071, 0.3244)
contains.

Yxy(92.4270, 0.3066, 0.3241)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.4270, 0.3066, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	F2F7FC
RGB	242, 247, 252
RGB Percent	95%, 97%, 99%
CMY	0.0512, 0.0313, 0.0118
CMYK	0.04, 0.02, 0.00, 0.01
HSL	210°, 62%, 97%
HSV	210°, 4%, 99%
XYZ	87.4363, 92.4270, 105.3172
YIQ	246.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

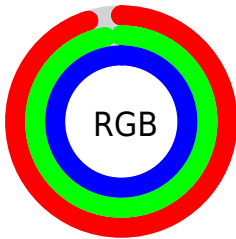
Format	Color
RYB	242, 245, 252
Decimal	15923196
CIELab	96.99, -0.76, -2.97
CIELCh	97, 3.071, 255.594
Yxy	92.4270, 0.3066, 0.3241
Android (android.graphics.Color)	4294113276 (0xFFFF2F7FC)
YUV	246.0750, 2.9210, -3.5738
Hunter-Lab	96.1390, -5.9012, 2.3470

Details

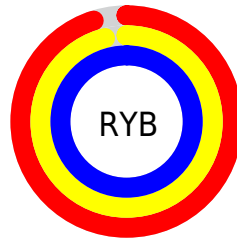
The Yxy color 92.4270, 0.3066, 0.3241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.5781, 0.3189, 0.3339, and the grayscale version is 92.1987, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.6408, 0.3057, 0.3240 is the 20% darker color. If you saturate the color by 10%, you get 80.8948, 0.2908, 0.3108, and if you desaturate by 10%, it is 99.8076, 0.3145, 0.3319.

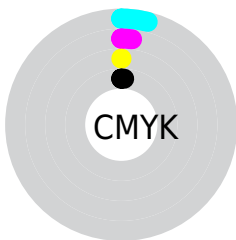
Distribution



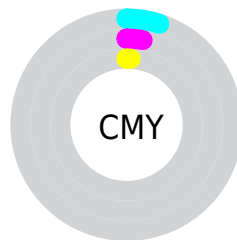
- Red (95%)
- Green (97%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (5%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4270, 0.3066, 0.3241 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 92.4270, 0.3066, 0.3241 by changing the saturation by 10% instead.


 92.4270, 0.3066,
0.3241

 92.4270, 0.3066,
0.3241


535.8946, 0.3093,
0.3263

 69.9953, 0.3060,
0.3236


150.7051, 0.3075,
0.3248

 51.5227, 0.3053,
0.3230


187.3203, 0.3079,
0.3251

 36.6248, 0.3044,
0.3223


229.4321, 0.3082,
0.3254

 24.9171, 0.3033,
0.3214

277.4249, 0.3085,
0.3256

 16.0153, 0.3018,
0.3202

331.6832, 0.3087,
0.3258

 9.5350, 0.2997,
0.3185

392.5913, 0.3089,

 5.0918, 0.2967,

0.3260

0.3161

460.5336, 0.3091,
0.3261

■ 2.3012, 0.2919,
0.3121

■ 0.7743, 0.2818,
0.3042

■ 92.4270, 0.3066,
0.3241

■ 92.4270, 0.3066,
0.3241

■ 80.8948, 0.2908,
0.3108

99.8076, 0.3145,
0.3319

■ 70.4490, 0.2745,
0.2960

■ 61.0569, 0.2580,
0.2797

■ 52.6790, 0.2417,
0.2622

■ 45.2733, 0.2261,
0.2435

■ 38.7939, 0.2117,
0.2241

■ 33.1902, 0.1990,
0.2045

■ 28.4050, 0.1886,
0.1852

■ 24.3703, 0.1805,
0.1667

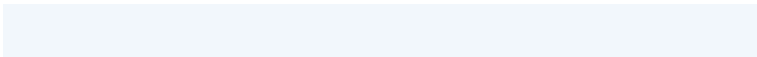
Harmonies

Analogous

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



92.4270, 0.3061, 0.3264



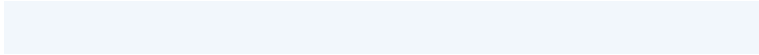
92.4270, 0.3066, 0.3241



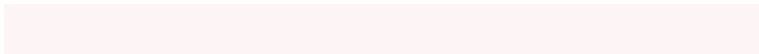
92.4270, 0.3087, 0.3232

Triad

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



92.4270, 0.3066, 0.3241



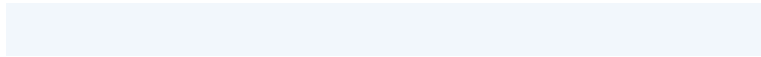
92.4270, 0.3181, 0.3286



92.4270, 0.3135, 0.3343

Complementary

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



92.4270, 0.3066, 0.3241



93.5781, 0.3189, 0.3339

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.



92.4270, 0.3167, 0.3349



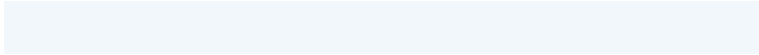
92.4270, 0.3066, 0.3241



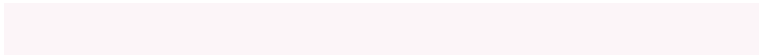
92.4270, 0.3194, 0.3316

Square

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



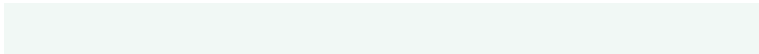
92.4270, 0.3066, 0.3241



92.4270, 0.3153, 0.3258



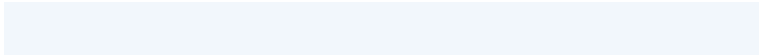
92.4270, 0.3189, 0.3339



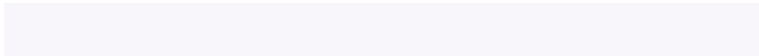
92.4270, 0.3101, 0.3323

Rectangle

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



92.4270, 0.3066, 0.3241



92.4270, 0.3108, 0.3234



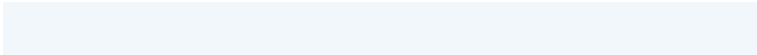
92.4270, 0.3189, 0.3339



92.4270, 0.3147, 0.3347

Sweetspot

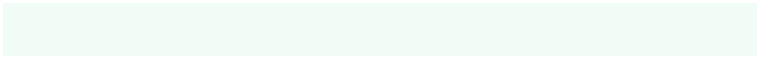
The Sweet Spot groups the original color and five complimentary colors.



92.4309, 0.3066, 0.3241



98.7163, 0.3112, 0.3278



95.1872, 0.3095, 0.3341



21.1429, 0.3113, 0.3279



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.



92.4309, 0.3066, 0.3241



93.6980, 0.3050, 0.3228



89.4753, 0.3067, 0.3193



19.0251, 0.3039, 0.3219



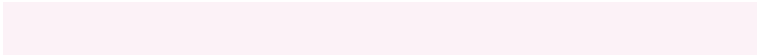
11.8872, 0.1775, 0.1591



1.3131, 0.1835, 0.1805

Inverse Universe

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



90.8886, 0.3162, 0.3241



91.7331, 0.3171, 0.3228



96.6110, 0.3186, 0.3386



18.5709, 0.3178, 0.3219



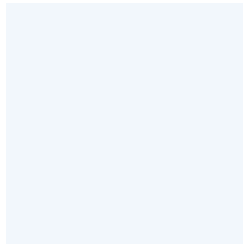
11.6109, 0.4943, 0.2496



1.0968, 0.4679, 0.2351

Previews

White Background



This preview shows how the Yxy color 92.4270, 0.3066, 0.3241 looks on a white background.

Color Contrast Check

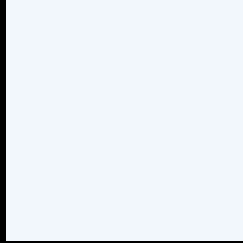
Large Text (above 18pt) WCAG AA × Fail

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 92.4270, 0.3066, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

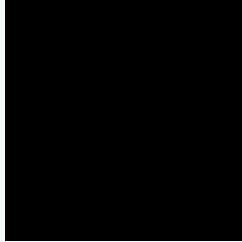
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

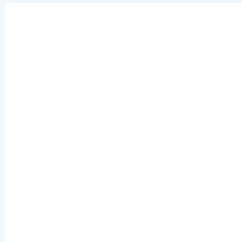
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4270, 0.3066, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 92.4270, 0.3066, 0.3241.

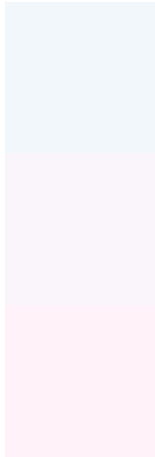


This preview shows how white text looks on a background with the Yxy color 92.4270, 0.3066, 0.3241.

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

92.4270, 0.3066, 0.3241

Protanopia

92.4096, 0.3117, 0.3232

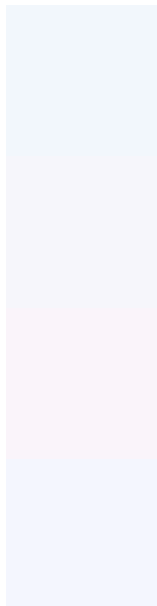
Deuteranopia

92.2007, 0.3169, 0.3232

Tritanopia

92.5440, 0.3068, 0.3202

Trichromacy



Original Color

92.4270, 0.3066, 0.3241

Protanomaly

92.4694, 0.3098, 0.3241

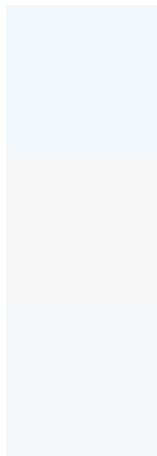
Deuteranomaly

91.9275, 0.3130, 0.3232

Tritanomaly

92.3004, 0.3067, 0.3212

Monochromacy



Original Color

92.4270, 0.3066, 0.3241

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1013, 0.3109, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4270, 0.3066, 0.3241 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(242, 247, 252)` looks like.

```
.text, #text, p{  
    color:rgb(242, 247, 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(242, 247, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 247, 252) }
```

Border

The CSS property to change the border of an element to Yxy 92.4270, 0.3066, 0.3241 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(242, 247, 252) }
```

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

```
.border{ border-color:rgb(242, 247, 252) }
```

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

Here you see how a box with a 4 pixel rgb(242, 247, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 247, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 247, 252);  
box-shadow:4px 4px 4px 4px rgb(242, 247,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4270, 0.3066, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 247, 252) }
```

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

```
.background{ background-color: rgb(242,  
247, 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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