

Converting Colors

$Yxy(90.5804, 0.3048, 0.3250)$

Have a look what the booklet for
Yxy(90.5804, 0.3048, 0.3250)
contains.

Yxy(90.8182, 0.3047, 0.3250)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(90.8182, 0.3047, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	EDF6FA
RGB	237, 246, 250
RGB Percent	93%, 96%, 98%
CMY	0.0704, 0.0353, 0.0196
CMYK	0.05, 0.02, 0.00, 0.02
HSL	199°, 56%, 95%
HSV	199°, 5%, 98%
XYZ	85.1456, 90.8182, 103.4769
YIQ	243.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

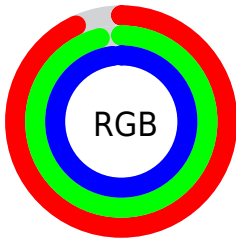
Format	Color
R _Y B	237, 242, 250
Decimal	15595258
CIE Lab	96.34, -2.21, -2.95
CIE LCh	96, 3.685, 233.233
Yxy	90.8182, 0.3047, 0.3250
Android (android.graphics.Color)	4293785338 (0xFFEDF6FA)
YUV	243.7650, 3.0739, -5.9329
Hunter-Lab	95.2986, -7.2898, 2.3309

Details

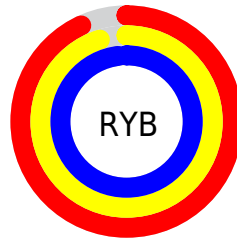
The Yxy color 90.8182, 0.3047, 0.3250 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3753, 0.3211, 0.3330, and the grayscale version is 90.2553, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.5457, 0.3025, 0.3239 is the 20% darker color. If you saturate the color by 10%, you get 82.2151, 0.2891, 0.3167, and if you desaturate by 10%, it is 98.8635, 0.3157, 0.3326.

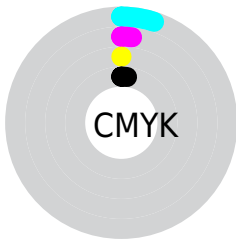
Distribution



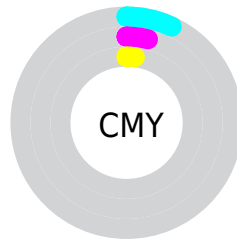
- Red (93%)
- Green (96%)
- Blue (98%)



- Red (93%)
- Yellow (95%)
- Blue (98%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.8182, 0.3047, 0.3250 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 90.8182, 0.3047, 0.3250 by changing the saturation by 10% instead.

 90.8182, 0.3047,
0.3250

 90.8182, 0.3047,
0.3250

530.6888, 0.3083,
0.3268

 68.6595, 0.3039,
0.3246


148.4744, 0.3059,
0.3256

 50.4344, 0.3030,
0.3241


184.7406, 0.3064,
0.3259

 35.7587, 0.3018,
0.3235


226.4781, 0.3068,
0.3261

 24.2479, 0.3003,
0.3227

274.0713, 0.3072,
0.3262

 15.5176, 0.2983,
0.3217

327.9046, 0.3075,
0.3264

 9.1835, 0.2956,
0.3203

388.3624, 0.3078,

 4.8610, 0.2916,

0.3266

0.3182

455.8290, 0.3080,
0.3267

■ 2.1660, 0.2852,
0.3147

■ 0.7013, 0.2683,
0.3070

■ 90.8182, 0.3047,
0.3250

■ 90.8182, 0.3047,
0.3250

■ 82.2151, 0.2891,
0.3167

■ 98.8635, 0.3157,
0.3326

■ 74.3762, 0.2737,
0.3075

■ 99.6817, 0.3156,
0.3338

■ 67.2766, 0.2587,
0.2975

■ 60.8855, 0.2446,
0.2869

■ 55.1692, 0.2316,
0.2756

■ 50.0912, 0.2201,
0.2640

■ 45.6100, 0.2105,
0.2521

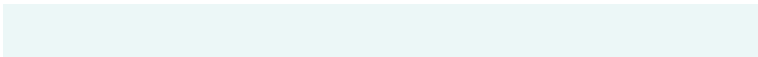
■ 41.6780, 0.2029,
0.2402

■ 38.2368, 0.1974,
0.2285

Harmonies

Analogous

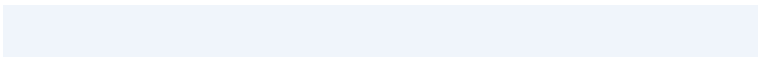
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8182, 0.3057, 0.3285



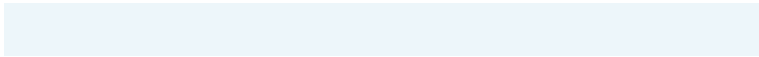
90.8182, 0.3047, 0.3250



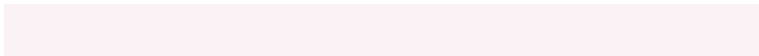
90.8182, 0.3058, 0.3226

Triad

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



90.8182, 0.3047, 0.3250



90.8182, 0.3168, 0.3259



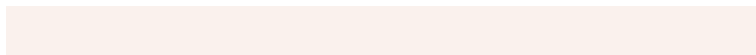
90.8182, 0.3167, 0.3362

Complementary

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



90.8182, 0.3047, 0.3250



89.3753, 0.3211, 0.3330

Split Complementary

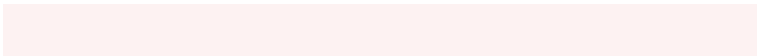
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8182, 0.3197, 0.3354



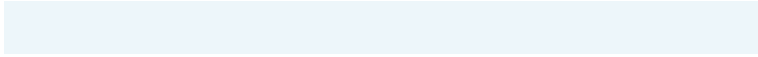
90.8182, 0.3047, 0.3250



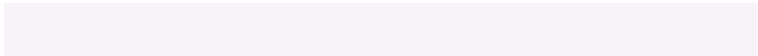
90.8182, 0.3198, 0.3295

Square

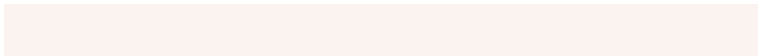
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



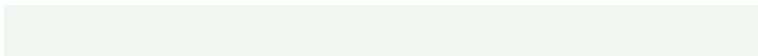
90.8182, 0.3047, 0.3250



90.8182, 0.3128, 0.3232



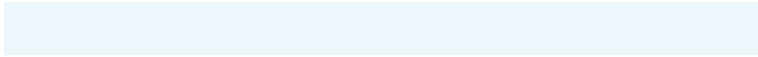
90.8182, 0.3208, 0.3330



90.8182, 0.3126, 0.3350

Rectangle

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



90.8182, 0.3047, 0.3250



90.8182, 0.3076, 0.3220



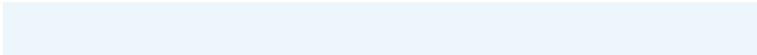
90.8182, 0.3208, 0.3330



90.8182, 0.3178, 0.3361

Sweetspot

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



90.8221, 0.3047, 0.3250



98.0449, 0.3096, 0.3275



92.7253, 0.3098, 0.3380



21.0062, 0.3098, 0.3276



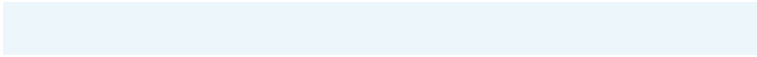
0.0000, 0.0000, 0.0000



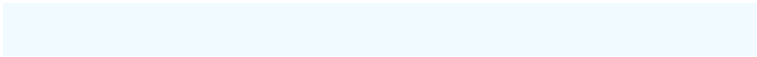
21.4041, 0.3127, 0.3290

Same Dimension

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



90.8221, 0.3047, 0.3250



94.2356, 0.3034, 0.3243



87.0188, 0.3048, 0.3186



19.1867, 0.3024, 0.3238



19.7426, 0.1958, 0.2248



2.0166, 0.1997, 0.2387

Inverse Universe

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



87.5702, 0.3158, 0.3202



90.3231, 0.3163, 0.3188



93.2078, 0.3206, 0.3392



18.3053, 0.3167, 0.3177



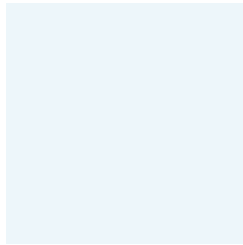
12.4039, 0.4181, 0.2077



1.1678, 0.4036, 0.1997

Previews

White Background



This preview shows how the Yxy color 90.8182, 0.3047, 0.3250 looks on a white background.

Color Contrast Check

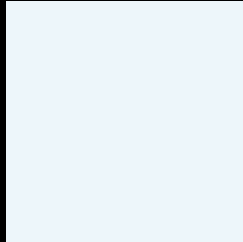
Large Text (above 18pt) WCAG AA × Fail

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 90.8182, 0.3047, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

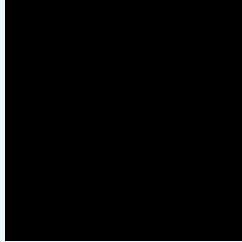
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

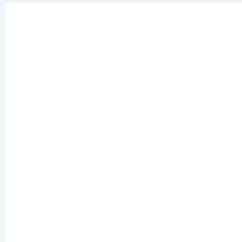
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.8182, 0.3047, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 90.8182, 0.3047, 0.3250.

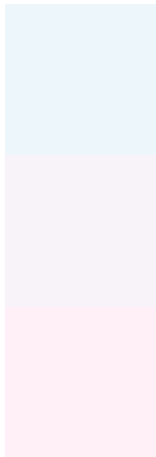


This preview shows how white text looks on a background with the Yxy color 90.8182, 0.3047, 0.3250.

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

90.8182, 0.3047, 0.3250

Protanopia

90.6527, 0.3123, 0.3241

Deuteranopia

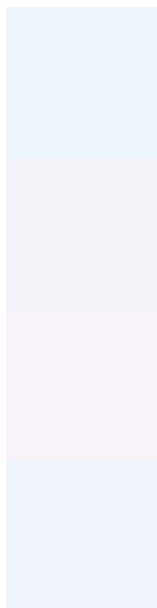
90.3575, 0.3177, 0.3213



Tritanopia

90.7986, 0.3049, 0.3182

Trichromacy



Original Color

90.8182, 0.3047, 0.3250

Protanomaly

90.5956, 0.3091, 0.3241

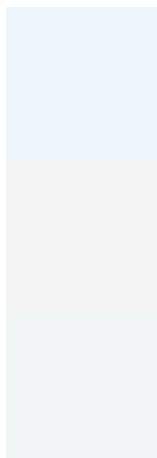
Deuteranomaly

90.3003, 0.3124, 0.3222

Tritanomaly

90.9219, 0.3048, 0.3211

Monochromacy



Original Color

90.8182, 0.3047, 0.3250

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.6594, 0.3096, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8182, 0.3047, 0.3250 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(237, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(237, 246, 250)  
}
```

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(237, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 246, 250) }
```

Border

The CSS property to change the border of an element to Yxy 90.8182, 0.3047, 0.3250 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(237, 246, 250) }
```

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

```
.border{ border-color:rgb(237, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(237, 246,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8182, 0.3047, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 246, 250) }
```

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

```
.background{ background-color: rgb(237,  
246, 250) }
```

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