

Converting Colors

$Y_{xy}(90.0247, 0.3064, 0.3270)$

Have a look what the booklet for
Yxy(90.0247, 0.3064, 0.3270)
contains.

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Color

Yxy(90.0247, 0.3064, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	EDF5F7
RGB	237, 245, 247
RGB Percent	93%, 96%, 97%
CMY	0.0708, 0.0391, 0.0314
CMYK	0.04, 0.01, 0.00, 0.03
HSL	192°, 39%, 95%
HSV	192°, 4%, 97%
XYZ	84.3534, 90.0247, 100.9268
YIQ	242.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

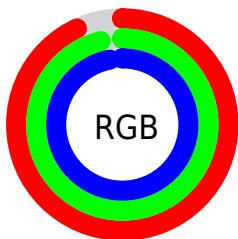
Format	Color
R _Y B	237, 241, 247
Decimal	15594999
CIE Lab	96.01, -2.29, -1.89
CIE LCh	96, 2.970, 219.511
Yxy	90.0247, 0.3064, 0.3270
Android (android.graphics.Color)	4293785079 (0xFFEDF5F7)
YUV	242.8360, 2.0529, -5.1182
Hunter-Lab	94.8813, -7.3485, 3.3492

Details

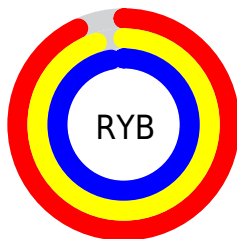
The Yxy color 90.0247, 0.3064, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.5801, 0.3193, 0.3310, and the grayscale version is 89.4741, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.9805, 0.3047, 0.3264 is the 20% darker color. If you saturate the color by 10%, you get 83.1576, 0.2910, 0.3217, and if you desaturate by 10%, it is 96.2792, 0.3177, 0.3318.

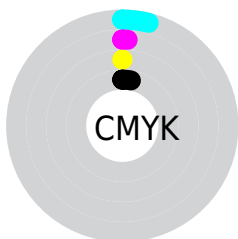
Distribution



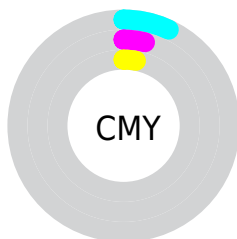
- Red (93%)
- Green (96%)
- Blue (97%)



- Red (93%)
- Yellow (95%)
- Blue (97%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)





- Cyan (7%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.0247, 0.3064, 0.3270 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 90.0247, 0.3064, 0.3270 by changing the saturation by 10% instead.

 90.0247, 0.3064,
0.3270

 90.0247, 0.3064,
0.3270


528.1112, 0.3092,
0.3279

 68.0011, 0.3058,
0.3268


147.3727, 0.3074,
0.3273

 49.8987, 0.3050,
0.3266

183.4659, 0.3077,
0.3274

 35.3329, 0.3041,
0.3262


225.0178, 0.3081,
0.3275

 23.9194, 0.3029,
0.3259

272.4128, 0.3083,
0.3276

 15.2738, 0.3013,
0.3253

326.0352, 0.3086,
0.3277

 9.0118, 0.2992,
0.3246

386.2695, 0.3088,

 4.7489, 0.2960,

0.3278

453.5000, 0.3090,
0.3278

0.3235

2.1007, 0.2908,
0.3217

0.6650, 0.2747,
0.3171

90.0247, 0.3064,
0.3270

90.0247, 0.3064,
0.3270

83.1576, 0.2910,
0.3217

96.2792, 0.3177,
0.3318

76.9254, 0.2761,
0.3160

99.3442, 0.3174,
0.3364

71.3061, 0.2619,
0.3098

99.4955, 0.3173,
0.3367

66.2715, 0.2487,
0.3032

■ 61.7913, 0.2370,
0.2963

■ 57.8321, 0.2270,
0.2892

■ 54.3562, 0.2188,
0.2819

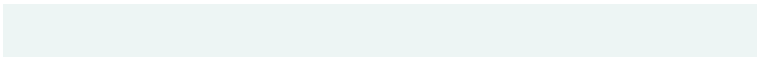
■ 51.3199, 0.2126,
0.2747

■ 48.6703, 0.2083,
0.2675

Harmonies

Analogous

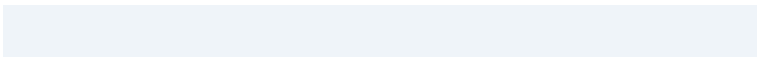
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0247, 0.3080, 0.3300



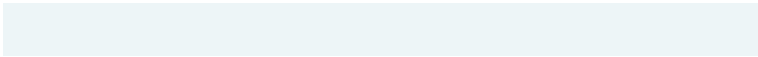
90.0247, 0.3064, 0.3270



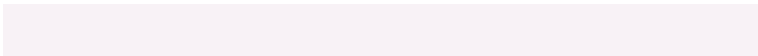
90.0247, 0.3065, 0.3246

Triad

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



90.0247, 0.3064, 0.3270



90.0247, 0.3146, 0.3254



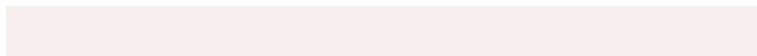
90.0247, 0.3172, 0.3347

Complementary

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



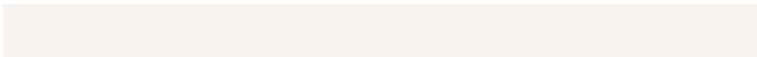
90.0247, 0.3064, 0.3270



87.5801, 0.3193, 0.3310

Split Complementary

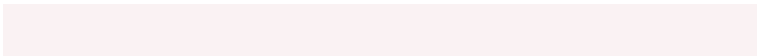
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0247, 0.3190, 0.3334



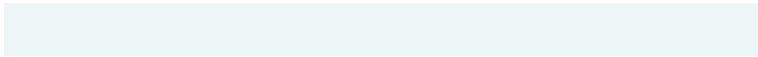
90.0247, 0.3064, 0.3270



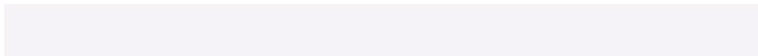
90.0247, 0.3175, 0.3280

Square

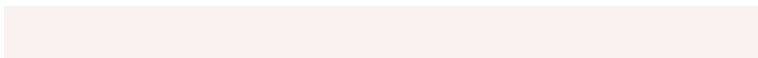
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.0247, 0.3064, 0.3270



90.0247, 0.3112, 0.3237



90.0247, 0.3191, 0.3310



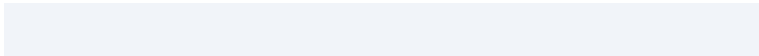
90.0247, 0.3142, 0.3345

Rectangle

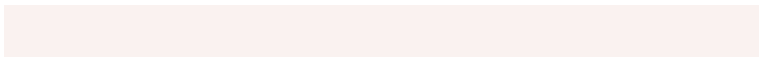
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.0247, 0.3064, 0.3270



90.0247, 0.3075, 0.3236



90.0247, 0.3191, 0.3310



90.0247, 0.3179, 0.3344

Sweetspot

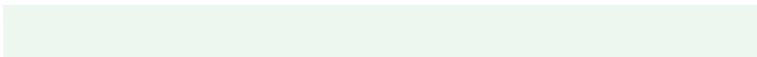
The Sweet Spot groups the original color and five complimentary colors.



90.0285, 0.3064, 0.3270



99.1991, 0.3112, 0.3285



90.7388, 0.3112, 0.3372



21.2411, 0.3112, 0.3285



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.



90.0285, 0.3064, 0.3270



96.0676, 0.3049, 0.3265



87.1107, 0.3065, 0.3221



18.7267, 0.3039, 0.3262



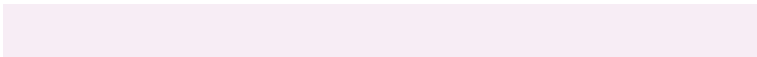
25.1852, 0.2068, 0.2644



2.3518, 0.2093, 0.2734

Inverse Universe

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



86.9084, 0.3144, 0.3210



91.9723, 0.3148, 0.3192



90.4789, 0.3189, 0.3358



17.8204, 0.3151, 0.3178



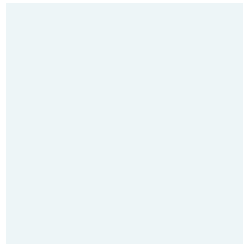
12.6418, 0.3781, 0.1857



1.1251, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 90.0247, 0.3064, 0.3270 looks on a white background.

Color Contrast Check

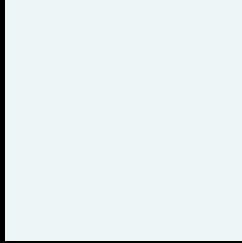
Large Text (above 18pt) WCAG AA × Fail

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 90.0247, 0.3064, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

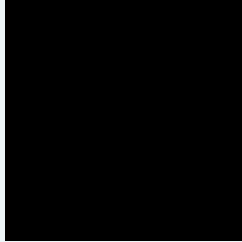
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

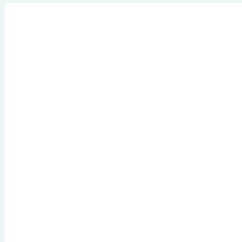
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0247, 0.3064, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 90.0247, 0.3064, 0.3270.

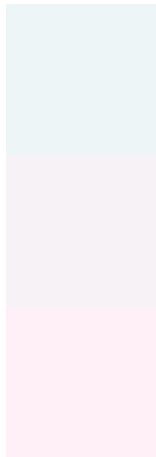


This preview shows how white text looks on a background with the Yxy color 90.0247, 0.3064, 0.3270.

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

90.0247, 0.3064, 0.3270

Protanopia

89.8710, 0.3142, 0.3261

Deuteranopia

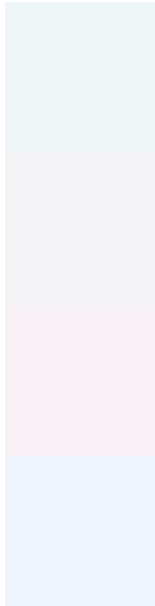
89.6468, 0.3190, 0.3222



Tritanopia

90.0220, 0.3043, 0.3172

Trichromacy



Original Color

90.0247, 0.3064, 0.3270

Protanomaly

89.8097, 0.3109, 0.3260

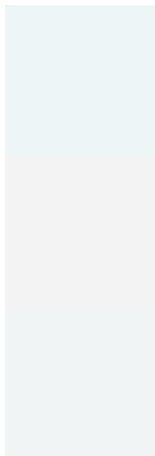
Deuteranomaly

89.5209, 0.3143, 0.3241

Tritanomaly

90.2549, 0.3054, 0.3211

Monochromacy



Original Color

90.0247, 0.3064, 0.3270

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.9338, 0.3108, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0247, 0.3064, 0.3270 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, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(237, 245, 247)  
}
```

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, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 245, 247) }
```

Border

The CSS property to change the border of an element to Yxy 90.0247, 0.3064, 0.3270 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, 245, 247) }
```

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

```
.border{ border-color:rgb(237, 245, 247) }
```

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

Here you see how a box with a 4 pixel rgb(237, 245, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(237, 245,  
247) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 90.0247, 0.3064, 0.3270$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 245, 247) }
```

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

```
.background{ background-color: rgb(237,  
245, 247) }
```

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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