

Converting Colors

$Yxy(90.0078, 0.3097, 0.3256)$

Have a look what the booklet for
Yxy(90.0078, 0.3097, 0.3256)
contains.

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Color

Yxy(90.2940, 0.3096, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F2F4F7
RGB	242, 244, 247
RGB Percent	95%, 96%, 97%
CMY	0.0511, 0.0431, 0.0312
CMYK	0.02, 0.01, 0.00, 0.03
HSL	216°, 24%, 96%
HSV	216°, 2%, 97%
XYZ	85.7516, 90.2940, 100.9299
YIQ	243.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

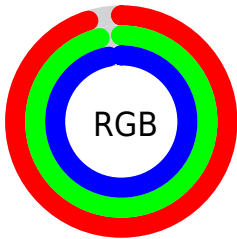
Format	Color
R _Y B	242, 243, 247
Decimal	15922423
CIE Lab	96.12, -0.13, -1.70
CIE LCh	96, 1.704, 265.568
Yxy	90.2940, 0.3096, 0.3260
Android (android.graphics.Color)	4294112503 (0xFFFF2F4F7)
YUV	243.7440, 1.6052, -1.5295
Hunter-Lab	95.0232, -5.2070, 3.5407

Details

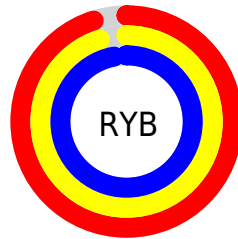
The Yxy color 90.2940, 0.3096, 0.3260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.4843, 0.3158, 0.3320, and the grayscale version is 90.2399, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.1671, 0.3088, 0.3252 is the 20% darker color. If you saturate the color by 10%, you get 77.7112, 0.2938, 0.3103, and if you desaturate by 10%, it is 99.4974, 0.3173, 0.3366.

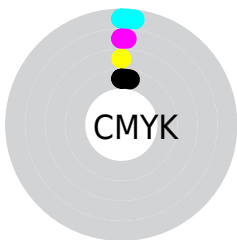
Distribution



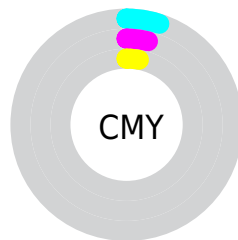
- Red (95%)
- Green (96%)
- Blue (97%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.2940, 0.3096, 0.3260 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 90.2940, 0.3096, 0.3260 by changing the saturation by 10% instead.

 90.2940, 0.3096,
0.3260

 90.2940, 0.3096,
0.3260

528.9868, 0.3110,
0.3273

 68.2245, 0.3093,
0.3257

147.7467, 0.3101,
0.3265

 50.0804, 0.3089,
0.3253


183.8987, 0.3103,
0.3266

 35.4773, 0.3085,
0.3249


225.5137, 0.3104,
0.3268

 24.0308, 0.3079,
0.3243

272.9760, 0.3106,
0.3269

 15.3564, 0.3071,
0.3236

326.6701, 0.3107,
0.3271

 9.0699, 0.3060,
0.3225

386.9803, 0.3108,

 4.7868, 0.3044,

0.3272

0.3210

454.2911, 0.3109,
0.3273

■ 2.1227, 0.3018,
0.3185

■ 0.6774, 0.2946,
0.3115

■ 90.2940, 0.3096,
0.3260

■ 90.2940, 0.3096,
0.3260

■ 77.7112, 0.2938,
0.3103

■ 99.4974, 0.3173,
0.3366

■ 66.3824, 0.2772,
0.2927

■ 56.2692, 0.2600,
0.2733

■ 47.3270, 0.2427,
0.2523

■ 39.5081, 0.2256,
0.2298

■ 32.7610, 0.2095,
0.2066

■ 27.0294, 0.1950,
0.1832

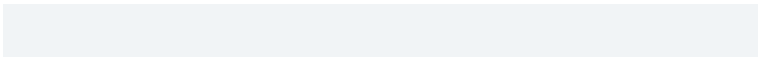
■ 22.2503, 0.1829,
0.1606

■ 18.3511, 0.1735,
0.1395

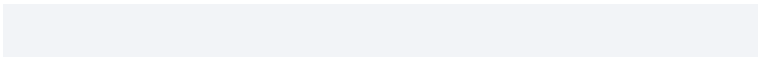
Harmonies

Analogous

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



90.2940, 0.3090, 0.3271



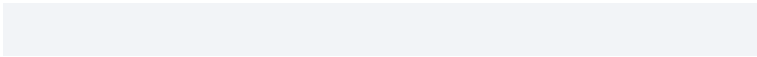
90.2940, 0.3096, 0.3260



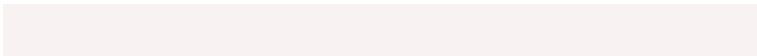
90.2940, 0.3110, 0.3258

Triad

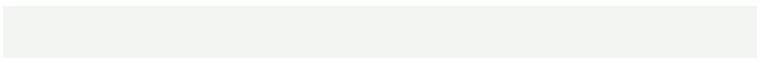
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2940, 0.3096, 0.3260



90.2940, 0.3161, 0.3294



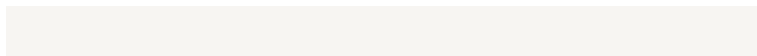
90.2940, 0.3125, 0.3317

Complementary

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



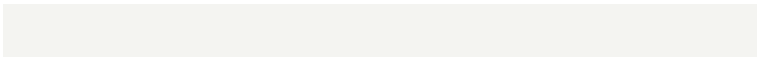
90.2940, 0.3096, 0.3260



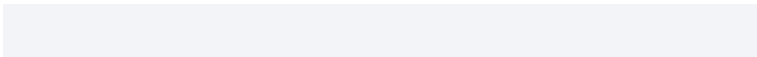
91.4843, 0.3158, 0.3320

Split Complementary

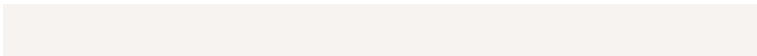
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2940, 0.3144, 0.3323



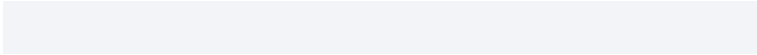
90.2940, 0.3096, 0.3260



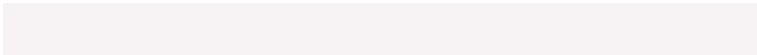
90.2940, 0.3165, 0.3310

Square

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



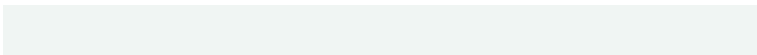
90.2940, 0.3096, 0.3260



90.2940, 0.3148, 0.3277



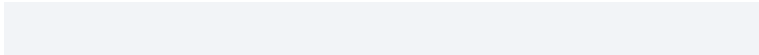
90.2940, 0.3159, 0.3320



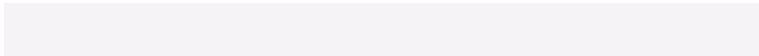
90.2940, 0.3107, 0.3304

Rectangle

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



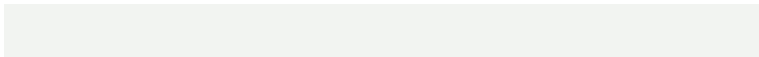
90.2940, 0.3096, 0.3260



90.2940, 0.3123, 0.3261



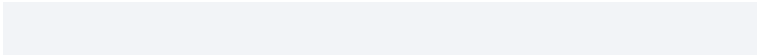
90.2940, 0.3159, 0.3320



90.2940, 0.3132, 0.3320

Sweetspot

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



90.2979, 0.3096, 0.3260



98.5540, 0.3112, 0.3275



92.0005, 0.3107, 0.3311



21.1099, 0.3113, 0.3276



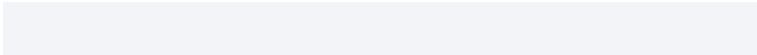
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

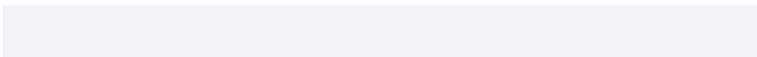
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2979, 0.3096, 0.3260



97.1221, 0.3097, 0.3261



89.1466, 0.3099, 0.3240



19.0652, 0.3098, 0.3262



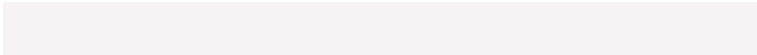
8.6164, 0.1687, 0.1274



0.9534, 0.1756, 0.1520

Inverse Universe

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



89.7960, 0.3148, 0.3270



96.5949, 0.3147, 0.3270



92.6538, 0.3155, 0.3340



18.9673, 0.3146, 0.3271



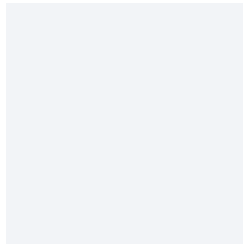
10.9692, 0.5362, 0.2728



0.9839, 0.5033, 0.2546

Previews

White Background



This preview shows how the Yxy color 90.2940, 0.3096, 0.3260 looks on a white background.

Color Contrast Check

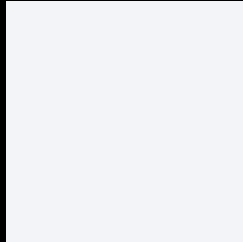
Large Text (above 18pt) WCAG AA × Fail

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 90.2940, 0.3096, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

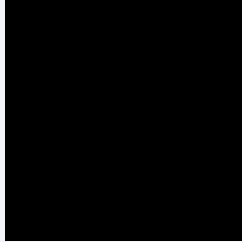
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

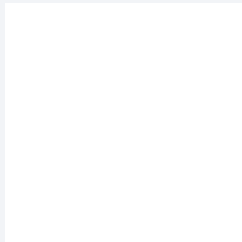
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2940, 0.3096, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 90.2940, 0.3096, 0.3260.

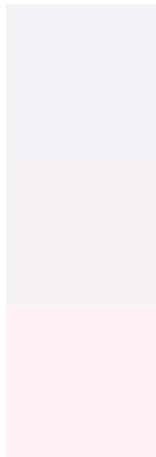


This preview shows how white text looks on a background with the Yxy color 90.2940, 0.3096, 0.3260.

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

90.2940, 0.3096, 0.3260

Protanopia

89.9322, 0.3136, 0.3251

Deuteranopia

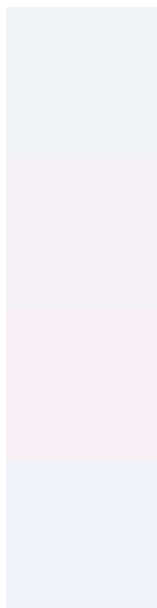
90.2340, 0.3189, 0.3232



Tritanopia

90.5543, 0.3062, 0.3172

Trichromacy



Original Color

90.2940, 0.3096, 0.3260

Protanomaly

90.1675, 0.3122, 0.3260

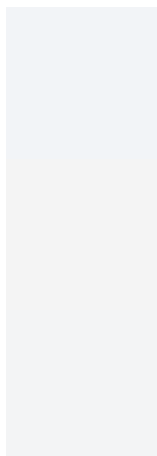
Deuteranomaly

89.8884, 0.3156, 0.3241

Tritanomaly

90.1841, 0.3074, 0.3201

Monochromacy



Original Color

90.2940, 0.3096, 0.3260

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.3486, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2940, 0.3096, 0.3260 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, 244, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 244, 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(242, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 244, 247) }
```

Border

The CSS property to change the border of an element to Yxy 90.2940, 0.3096, 0.3260 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, 244, 247) }
```

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

```
.border{ border-color:rgb(242, 244, 247) }
```

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

Here you see how a box with a 4 pixel rgb(242, 244, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 244,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2940, 0.3096, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 244, 247) }
```

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

```
.background{ background-color: rgb(242,  
244, 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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