

Converting Colors

Yxy(90.3620, 0.3126, 0.3351)

Have a look what the booklet for
Yxy(90.3620, 0.3126, 0.3351)
contains.

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Color

Yxy(90.6688, 0.3130, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	F0F6EF
RGB	240, 246, 239
RGB Percent	94%, 96%, 94%
CMY	0.0590, 0.0352, 0.0627
CMYK	0.02, 0.00, 0.03, 0.04
HSL	112°, 28%, 95%
HSV	112°, 3%, 96%
XYZ	84.4623, 90.6688, 94.7165
YIQ	243.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

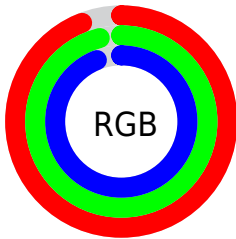
Format	Color
R _Y B	239, 246, 245
Decimal	15791855
CIE Lab	96.27, -3.23, 2.65
CIE LCh	96, 4.183, 140.609
Yxy	90.6688, 0.3130, 0.3360
Android (android.graphics.Color)	4293981935 (0xFF0F6EF)
YUV	243.4080, -2.1731, -2.9888
Hunter-Lab	95.2202, -8.3020, 7.6777

Details

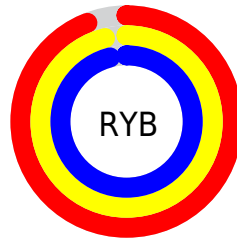
The Yxy color **90.6688, 0.3130, 0.3360** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.8169, 0.3124, 0.3221**, and the grayscale version is **89.9868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4362, 0.3131, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **85.8127, 0.3139, 0.3626**, and if you desaturate by 10%, it is **94.4012, 0.3131, 0.3204**.

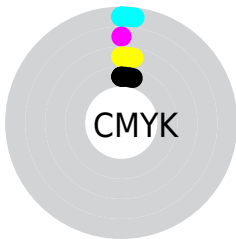
Distribution



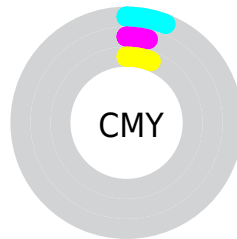
- Red (94%)
- Green (96%)
- Blue (94%)



- Red (94%)
- Yellow (96%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)





- Cyan (6%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.6688, 0.3130, 0.3360 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 90.6688, 0.3130, 0.3360 by changing the saturation by 10% instead.


 90.6688, 0.3130,
0.3360

 90.6688, 0.3130,
0.3360

530.2040, 0.3129,
0.3329

 68.5355, 0.3130,
0.3367


148.2670, 0.3130,
0.3349

 50.3335, 0.3131,
0.3375


184.5007, 0.3129,
0.3345

 35.6785, 0.3131,
0.3386


226.2034, 0.3129,
0.3342

 24.1860, 0.3131,
0.3399

273.7593, 0.3129,
0.3338

 15.4716, 0.3132,
0.3417

327.5529, 0.3129,
0.3336

 9.1510, 0.3132,
0.3442

387.9687, 0.3129,

 4.8398, 0.3133,

0.3333

0.3478

455.3909, 0.3129,
0.3331

■ 2.1536, 0.3134,
0.3539

■ 0.6945, 0.3148,
0.3762

■ 90.6688, 0.3130,
0.3360

■ 90.6688, 0.3130,
0.3360

■ 85.8127, 0.3139,
0.3626

■ 94.4012, 0.3131,
0.3204

■ 81.5632, 0.3146,
0.3924

■ 77.9000, 0.3149,
0.4250

■ 74.7971, 0.3147,
0.4594

■ 72.2266, 0.3140,
0.4941

■ 70.1583, 0.3126,
0.5271

■ 68.5587, 0.3105,
0.5558

■ 67.3902, 0.3079,
0.5779

■ 66.6092, 0.3050,
0.5919

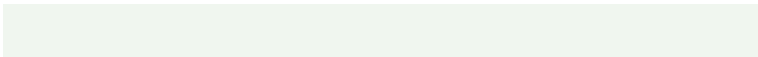
Harmonies

Analogous

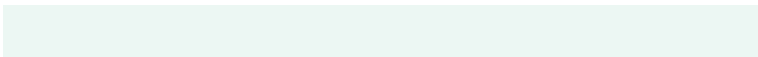
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6688, 0.3175, 0.3372



90.6688, 0.3130, 0.3360



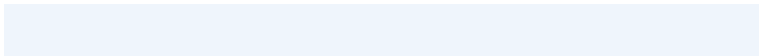
90.6688, 0.3084, 0.3329

Triad

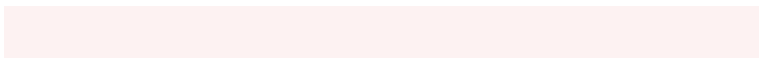
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.6688, 0.3130, 0.3360



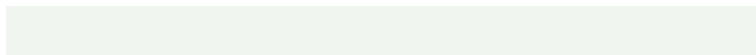
90.6688, 0.3047, 0.3219



90.6688, 0.3205, 0.3292

Complementary

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



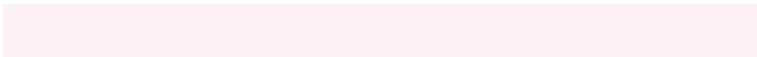
90.6688, 0.3130, 0.3360



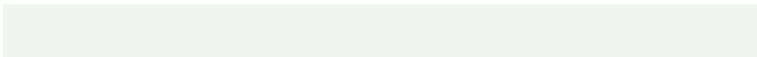
87.8169, 0.3124, 0.3221

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.



90.6688, 0.3170, 0.3252



90.6688, 0.3130, 0.3360



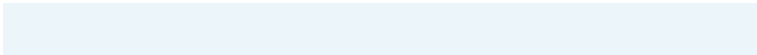
90.6688, 0.3079, 0.3210

Square

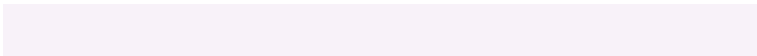
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



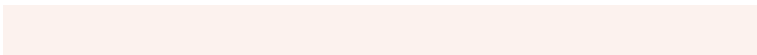
90.6688, 0.3130, 0.3360



90.6688, 0.3036, 0.3248



90.6688, 0.3124, 0.3222



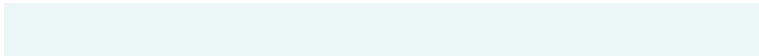
90.6688, 0.3219, 0.3332

Rectangle

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



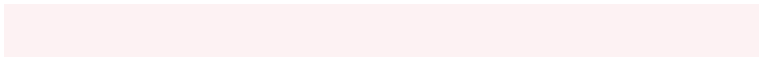
90.6688, 0.3130, 0.3360



90.6688, 0.3059, 0.3302



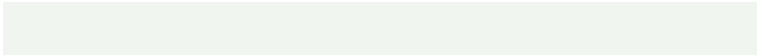
90.6688, 0.3124, 0.3222



90.6688, 0.3196, 0.3278

Sweetspot

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



90.6727, 0.3130, 0.3360



99.4215, 0.3128, 0.3314



91.1119, 0.3170, 0.3349



21.2864, 0.3128, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

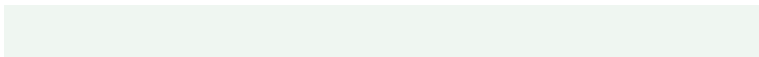
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6727, 0.3130, 0.3360



98.2852, 0.3130, 0.3364



90.6521, 0.3109, 0.3335



19.1773, 0.3131, 0.3384



35.3922, 0.3037, 0.5971



3.1436, 0.3100, 0.5921

Inverse Universe

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



87.8169, 0.3124, 0.3221



95.0187, 0.3124, 0.3217



87.8394, 0.3145, 0.3245



18.3736, 0.3123, 0.3197



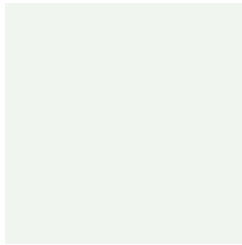
11.1077, 0.2867, 0.1353



1.0072, 0.2913, 0.1378

Previews

White Background



This preview shows how the Yxy color 90.6688, 0.3130, 0.3360 looks on a white background.

Color Contrast Check

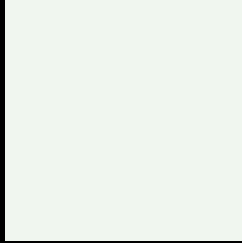
Large Text (above 18pt) WCAG AA × Fail

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 90.6688, 0.3130, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

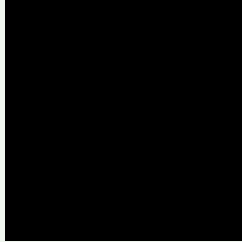
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

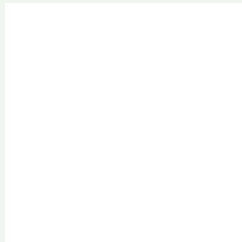
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.6688, 0.3130, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 90.6688, 0.3130, 0.3360.

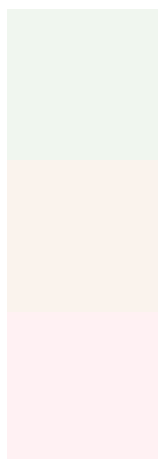


This preview shows how white text looks on a background with the Yxy color 90.6688, 0.3130, 0.3360.

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

90.6688, 0.3130, 0.3360

Protanopia

90.5396, 0.3210, 0.3349

Deuteranopia

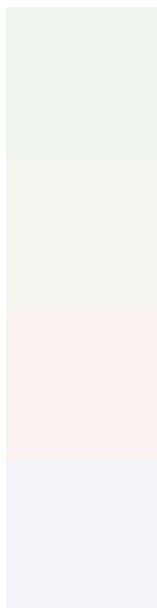
90.6417, 0.3207, 0.3271



Tritanopia

90.5543, 0.3062, 0.3172

Trichromacy



Original Color

90.6688, 0.3130, 0.3360

Protanomaly

90.4672, 0.3176, 0.3350

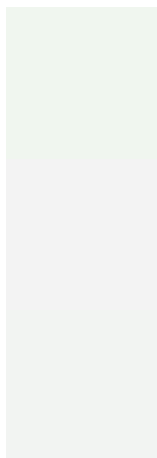
Deuteranomaly

90.8360, 0.3179, 0.3300

Tritanomaly

90.5956, 0.3091, 0.3241

Monochromacy



Original Color

90.6688, 0.3130, 0.3360

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.9894, 0.3126, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6688, 0.3130, 0.3360 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(240, 246, 239)` looks like.

```
.text, #text, p{  
    color:rgb(240, 246, 239)  
}
```

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(240, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 246, 239) }
```

Border

The CSS property to change the border of an element to Yxy 90.6688, 0.3130, 0.3360 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(240, 246, 239) }
```

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

```
.border{ border-color:rgb(240, 246, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 246, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 246, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 246, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 246,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6688, 0.3130, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 246, 239) }
```

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

```
.background{ background-color: rgb(240,  
246, 239) }
```

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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