

Converting Colors

$Yxy(90.0621, 0.3117, 0.3325)$

Have a look what the booklet for
Yxy(90.0621, 0.3117, 0.3325)
contains.

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Color

Yxy(90.1810, 0.3119, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	F0F5F1
RGB	240, 245, 241
RGB Percent	94%, 96%, 95%
CMY	0.0588, 0.0392, 0.0549
CMYK	0.02, 0.00, 0.02, 0.04
HSL	132°, 20%, 95%
HSV	132°, 2%, 96%
XYZ	84.4668, 90.1810, 96.1660
YIQ	243.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

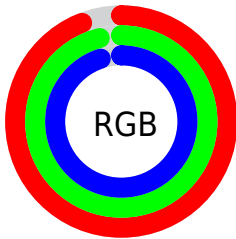
Format	Color
R _Y B	240, 244, 245
Decimal	15791601
CIE Lab	96.07, -2.36, 1.34
CIE LCh	96, 2.709, 150.396
Yxy	90.1810, 0.3119, 0.3330
Android (android.graphics.Color)	4293981681 (0xFF0F5F1)
YUV	243.0490, -1.0102, -2.6740
Hunter-Lab	94.9637, -7.4170, 6.4339

Details

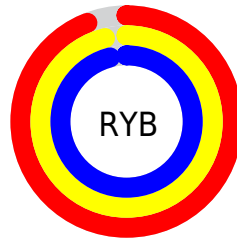
The Yxy color **90.1810, 0.3119, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.2750, 0.3135, 0.3250**, and the grayscale version is **89.6816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0883, 0.3117, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **85.0677, 0.3078, 0.3543**, and if you desaturate by 10%, it is **93.7867, 0.3132, 0.3194**.

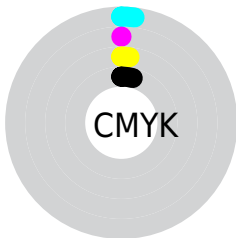
Distribution



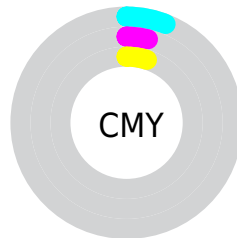
- Red (94%)
- Green (96%)
- Blue (95%)



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



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





- Cyan (6%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1810, 0.3119, 0.3330 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 90.1810, 0.3119, 0.3330 by changing the saturation by 10% instead.

 90.1810, 0.3119,
0.3330

 90.1810, 0.3119,
0.3330


528.6195, 0.3123,
0.3312

 68.1308, 0.3118,
0.3334


147.5898, 0.3120,
0.3324

 50.0041, 0.3117,
0.3339


183.7171, 0.3121,
0.3322

 35.4167, 0.3116,
0.3345


225.3056, 0.3121,
0.3319

 23.9840, 0.3114,
0.3352

272.7397, 0.3122,
0.3318

 15.3218, 0.3112,
0.3362

326.4037, 0.3122,
0.3316

 9.0455, 0.3109,
0.3376

386.6821, 0.3122,

 4.7709, 0.3105,

0.3315

0.3397

453.9592, 0.3122,
0.3313

■ 2.1135, 0.3097,
0.3431

■ 0.6722, 0.3073,
0.3553

■ 90.1810, 0.3119,
0.3330

■ 90.1810, 0.3119,
0.3330

■ 85.0677, 0.3078,
0.3543

■ 93.7867, 0.3132,
0.3194

■ 80.6297, 0.3038,
0.3783

■ 76.8421, 0.2999,
0.4049

■ 73.6739, 0.2964,
0.4337

■ 71.0919, 0.2936,
0.4640

■ 69.0592, 0.2917,
0.4945

■ 67.5351, 0.2910,
0.5236

■ 66.4729, 0.2915,
0.5495

■ 65.8169, 0.2933,
0.5704

Harmonies

Analogous

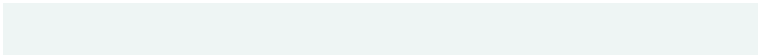
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1810, 0.3150, 0.3342



90.1810, 0.3119, 0.3330



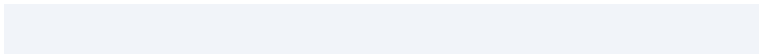
90.1810, 0.3091, 0.3307

Triad

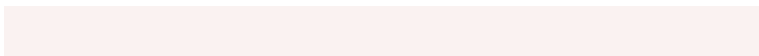
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1810, 0.3119, 0.3330



90.1810, 0.3080, 0.3241



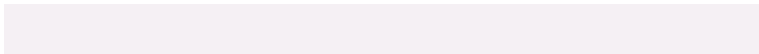
90.1810, 0.3182, 0.3300

Complementary

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



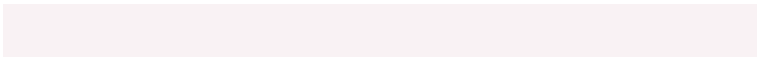
90.1810, 0.3119, 0.3330



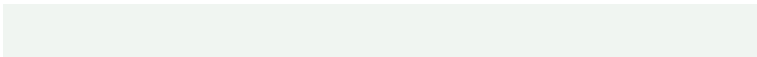
88.2750, 0.3135, 0.3250

Split Complementary

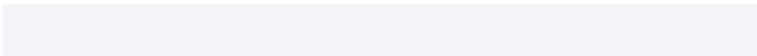
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1810, 0.3164, 0.3273



90.1810, 0.3119, 0.3330



90.1810, 0.3105, 0.3239

Square

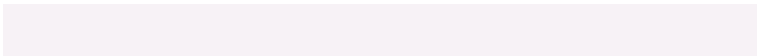
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



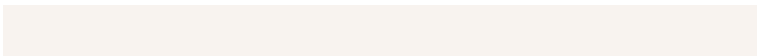
90.1810, 0.3119, 0.3330



90.1810, 0.3069, 0.3256



90.1810, 0.3135, 0.3251



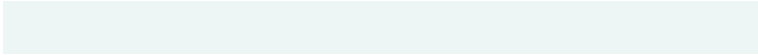
90.1810, 0.3186, 0.3325

Rectangle

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



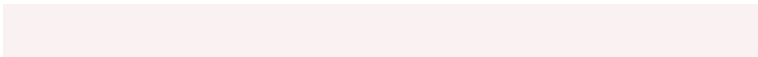
90.1810, 0.3119, 0.3330



90.1810, 0.3077, 0.3289



90.1810, 0.3135, 0.3251



90.1810, 0.3178, 0.3291

Sweetspot

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



90.1849, 0.3119, 0.3330



99.3882, 0.3123, 0.3310



90.8478, 0.3151, 0.3340



21.2796, 0.3123, 0.3309



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

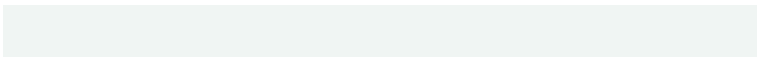
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1849, 0.3119, 0.3330



98.7842, 0.3119, 0.3329



90.3312, 0.3105, 0.3306



19.3737, 0.3120, 0.3327



35.3113, 0.2946, 0.5807



3.1174, 0.2887, 0.5591

Inverse Universe

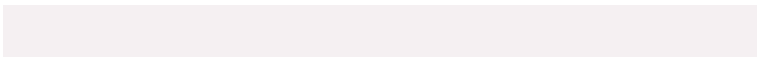
The Inverse Universe completely reimagines the original color for something new.



88.2750, 0.3135, 0.3250



96.7249, 0.3135, 0.3251



88.1282, 0.3150, 0.3274



18.9914, 0.3135, 0.3253



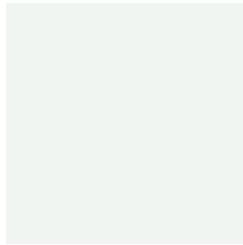
12.6498, 0.3777, 0.1854



1.1257, 0.3692, 0.1808

Previews

White Background



This preview shows how the Yxy color 90.1810, 0.3119, 0.3330 looks on a white background.

Color Contrast Check

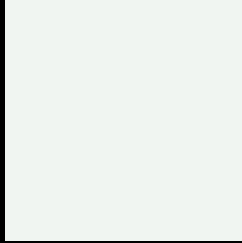
Large Text (above 18pt) WCAG AA × Fail

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 90.1810, 0.3119, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

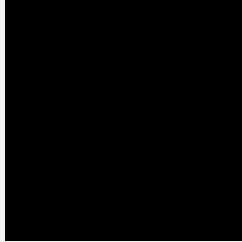
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

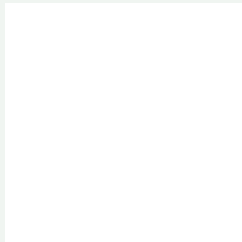
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1810, 0.3119, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 90.1810, 0.3119, 0.3330.

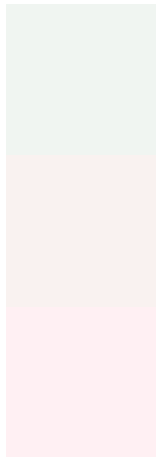


This preview shows how white text looks on a background with the Yxy color 90.1810, 0.3119, 0.3330.

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

90.1810, 0.3119, 0.3330

Protanopia

89.9353, 0.3185, 0.3310

Deuteranopia

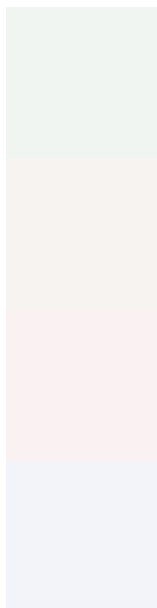
90.0512, 0.3208, 0.3261



Tritanopia

90.3759, 0.3056, 0.3172

Trichromacy



Original Color

90.1810, 0.3119, 0.3330

Protanomaly

89.9853, 0.3165, 0.3320

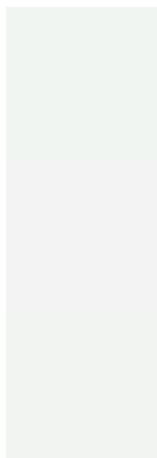
Deuteranomaly

90.2391, 0.3179, 0.3290

Tritanomaly

90.4807, 0.3079, 0.3231

Monochromacy



Original Color

90.1810, 0.3119, 0.3330

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 90.1810, 0.3119, 0.3330 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, 245, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 245, 241)  
}
```

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, 245, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 241) }
```

Border

The CSS property to change the border of an element to Yxy 90.1810, 0.3119, 0.3330 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, 245, 241) }
```

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

```
.border{ border-color:rgb(240, 245, 241) }
```

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

Here you see how a box with a 4 pixel rgb(240, 245, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1810, 0.3119, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 245, 241) }
```

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

```
.background{ background-color: rgb(240,  
245, 241) }
```

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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