

Converting Colors

Yxy(91.6328, 0.3149, 0.3369)

Have a look what the booklet for
Yxy(91.6328, 0.3149, 0.3369)
contains.

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Color

Yxy(91.8082, 0.3149, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	F3F7EF
RGB	243, 247, 239
RGB Percent	95%, 97%, 94%
CMY	0.0470, 0.0314, 0.0626
CMYK	0.02, 0.00, 0.03, 0.03
HSL	90°, 33%, 95%
HSV	90°, 3%, 97%
XYZ	85.8130, 91.8082, 94.8875
YIQ	244.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

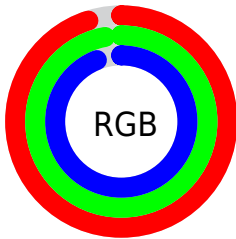
Format	Color
R _Y B	239, 247, 243
Decimal	15988719
CIE Lab	96.74, -2.70, 3.35
CIE LCh	97, 4.302, 128.919
Yxy	91.8082, 0.3149, 0.3369
Android (android.graphics.Color)	4294178799 (0xFF3F7EF)
YUV	244.8920, -2.9048, -1.6593
Hunter-Lab	95.8166, -7.8151, 8.3565

Details

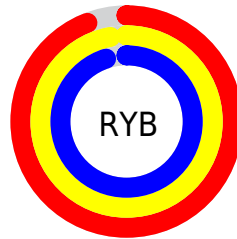
The Yxy color 91.8082, 0.3149, 0.3369 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.5270, 0.3105, 0.3211, and the grayscale version is 91.2497, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.2453, 0.3155, 0.3392 is the 20% darker color. If you saturate the color by 10%, you get 88.3297, 0.3217, 0.3629, and if you desaturate by 10%, it is 94.9989, 0.3131, 0.3214.

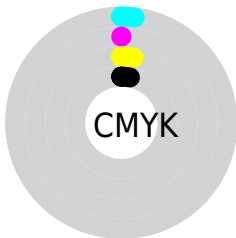
Distribution



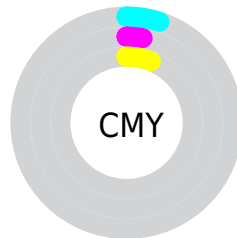
- Red (95%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (95%)



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





- Cyan (5%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8082, 0.3149, 0.3369 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 91.8082, 0.3149, 0.3369 by changing the saturation by 10% instead.

 91.8082, 0.3149,
0.3369

 91.8082, 0.3149,
0.3369


533.8955, 0.3139,
0.3334

 69.4813, 0.3151,
0.3377


149.8475, 0.3146,
0.3357

 51.1038, 0.3154,
0.3386


186.3288, 0.3144,
0.3352

 36.2912, 0.3157,
0.3398


228.2970, 0.3143,
0.3348

 24.6592, 0.3161,
0.3413

276.1365, 0.3142,
0.3345

 15.8233, 0.3166,
0.3433

330.2317, 0.3142,
0.3341

 9.3992, 0.3173,
0.3460

390.9670, 0.3141,

 5.0025, 0.3183,

0.3339

0.3501

458.7268, 0.3140,
0.3336

■ 2.2487, 0.3199,
0.3567

■ 0.7464, 0.3269,
0.3792

■ 91.8082, 0.3149,
0.3369

■ 91.8082, 0.3149,
0.3369

■ 88.3297, 0.3217,
0.3629

■ 94.9989, 0.3131,
0.3214

■ 85.1832, 0.3283,
0.3909

■ 82.3610, 0.3344,
0.4205

■ 79.8509, 0.3397,
0.4507

■ 77.6397, 0.3436,
0.4804

■ 75.7130, 0.3458,
0.5082

■ 74.0550, 0.3458,
0.5324

■ 72.6478, 0.3436,
0.5518

■ 71.4702, 0.3393,
0.5654

Harmonies

Analogous

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



91.8082, 0.3192, 0.3372



91.8082, 0.3149, 0.3369



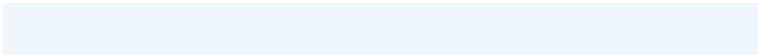
91.8082, 0.3101, 0.3344

Triad

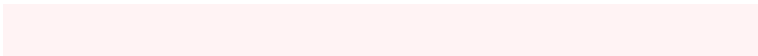
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.8082, 0.3149, 0.3369



91.8082, 0.3038, 0.3227



91.8082, 0.3195, 0.3275

Complementary

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



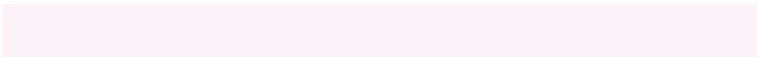
91.8082, 0.3149, 0.3369



87.5270, 0.3105, 0.3211

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.



91.8082, 0.3154, 0.3237



91.8082, 0.3149, 0.3369



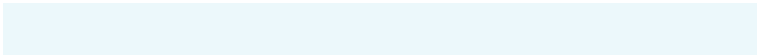
91.8082, 0.3063, 0.3209

Square

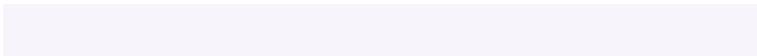
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



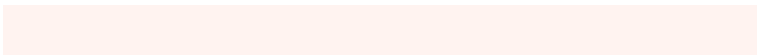
91.8082, 0.3149, 0.3369



91.8082, 0.3037, 0.3262



91.8082, 0.3105, 0.3213



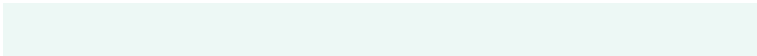
91.8082, 0.3219, 0.3318

Rectangle

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



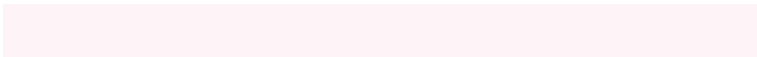
91.8082, 0.3149, 0.3369



91.8082, 0.3072, 0.3319



91.8082, 0.3105, 0.3213



91.8082, 0.3183, 0.3261

Sweetspot

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



91.8122, 0.3149, 0.3369



99.5963, 0.3134, 0.3314



90.0396, 0.3177, 0.3328



21.3220, 0.3134, 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.



91.8122, 0.3149, 0.3369



98.4076, 0.3154, 0.3389



91.1337, 0.3124, 0.3370



19.2314, 0.3159, 0.3407



37.5209, 0.3367, 0.5709



3.3588, 0.3461, 0.5634

Inverse Universe

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



87.5270, 0.3105, 0.3211



92.7077, 0.3099, 0.3191



88.2198, 0.3130, 0.3212



17.9162, 0.3094, 0.3173



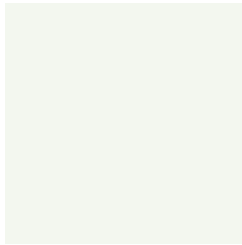
5.8739, 0.2021, 0.0887



0.5773, 0.2156, 0.0961

Previews

White Background



This preview shows how the Yxy color 91.8082, 0.3149, 0.3369 looks on a white background.

Color Contrast Check

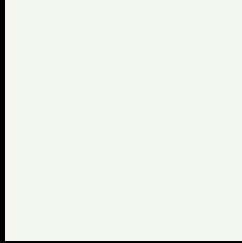
Large Text (above 18pt) WCAG AA × Fail

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 91.8082, 0.3149, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

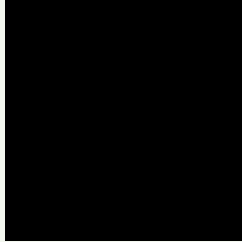
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

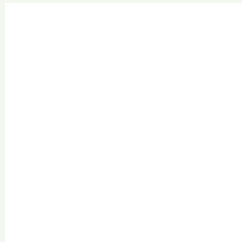
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8082, 0.3149, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 91.8082, 0.3149, 0.3369.

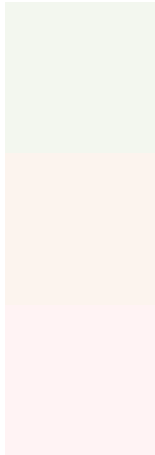


This preview shows how white text looks on a background with the Yxy color 91.8082, 0.3149, 0.3369.

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

91.8082, 0.3149, 0.3369

Protanopia

91.5699, 0.3216, 0.3349

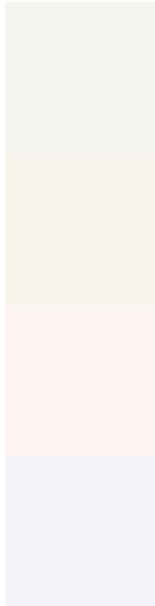
Deuteranopia

91.8928, 0.3199, 0.3281

Tritanopia

91.5142, 0.3075, 0.3183

Trichromacy



Original Color

91.8082, 0.3149, 0.3369

Protanomaly

91.6176, 0.3195, 0.3359

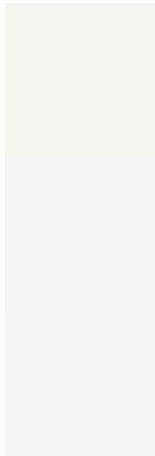
Deuteranomaly

91.6214, 0.3185, 0.3310

Tritanomaly

91.5568, 0.3103, 0.3251

Monochromacy



Original Color

91.8082, 0.3149, 0.3369

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.6157, 0.3132, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8082, 0.3149, 0.3369 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(243, 247, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 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(243, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 239) }
```

Border

The CSS property to change the border of an element to Yxy 91.8082, 0.3149, 0.3369 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(243, 247, 239) }
```

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

```
.border{ border-color:rgb(243, 247, 239) }
```

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

Here you see how a box with a 4 pixel rgb(243, 247, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8082, 0.3149, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 239) }
```

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

```
.background{ background-color: rgb(243,  
247, 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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