

Converting Colors

$Yxy(91.3421, 0.3097, 0.3318)$

Have a look what the booklet for
Yxy(91.3421, 0.3097, 0.3318)
contains.

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Color

Yxy(91.4039, 0.3094, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	EFF7F4
RGB	239, 247, 244
RGB Percent	94%, 97%, 96%
CMY	0.0628, 0.0313, 0.0432
CMYK	0.03, 0.00, 0.01, 0.03
HSL	157°, 33%, 95%
HSV	157°, 3%, 97%
XYZ	85.1818, 91.4039, 98.7272
YIQ	244.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

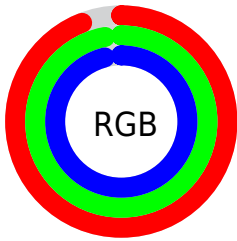
Format	Color
R _Y B	239, 244, 247
Decimal	15726580
CIE Lab	96.58, -3.18, 0.52
CIE LCh	97, 3.218, 170.721
Yxy	91.4039, 0.3094, 0.3320
Android (android.graphics.Color)	4293916660 (0xFFEFF7F4)
YUV	244.2660, -0.1311, -4.6183
Hunter-Lab	95.6054, -8.2707, 5.6978

Details

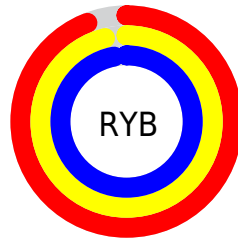
The Yxy color **91.4039, 0.3094, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.9159, 0.3162, 0.3260**, and the grayscale version is **90.6950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9597, 0.3085, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **86.8464, 0.2994, 0.3420**, and if you desaturate by 10%, it is **94.8992, 0.3141, 0.3230**.

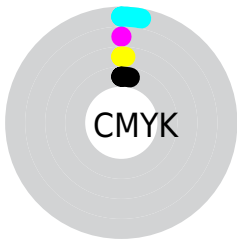
Distribution



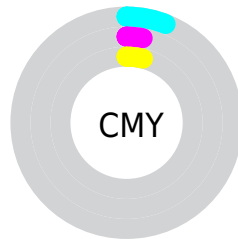
- Red (94%)
- Green (97%)
- Blue (96%)



- Red (94%)
- Yellow (96%)
- Blue (97%)



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





- Cyan (6%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4039, 0.3094, 0.3320 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 91.4039, 0.3094, 0.3320 by changing the saturation by 10% instead.


 91.4039, 0.3094,
0.3320

 91.4039, 0.3094,
0.3320

532.5872, 0.3109,
0.3307

 69.1456, 0.3091,
0.3323


149.2869, 0.3099,
0.3315

 50.8303, 0.3087,
0.3326

185.6805, 0.3101,
0.3314

 36.0736, 0.3082,
0.3331


227.5546, 0.3103,
0.3312

 24.4910, 0.3076,
0.3337

275.2937, 0.3104,
0.3311

 15.6983, 0.3067,
0.3344

329.2820, 0.3106,
0.3310

 9.3109, 0.3056,
0.3354

389.9042, 0.3107,

 4.9445, 0.3039,

0.3309

0.3369

457.5444, 0.3108,
0.3308

■ 2.2147, 0.3012,
0.3394

■ 0.7280, 0.2927,
0.3469

■ 91.4039, 0.3094,
0.3320

■ 91.4039, 0.3094,
0.3320

■ 86.8464, 0.2994,
0.3420

■ 94.8992, 0.3141,
0.3230

■ 82.8771, 0.2898,
0.3530

■ 95.0079, 0.3131,
0.3214

■ 79.4741, 0.2809,
0.3650

■ 76.6099, 0.2731,
0.3780

■ 74.2543, 0.2666,
0.3919

■ 72.3744, 0.2618,
0.4063

■ 70.9330, 0.2590,
0.4211

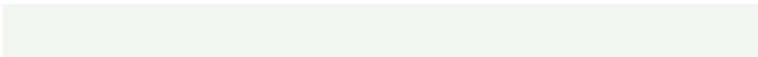
■ 69.8873, 0.2582,
0.4359

■ 69.1854, 0.2594,
0.4505

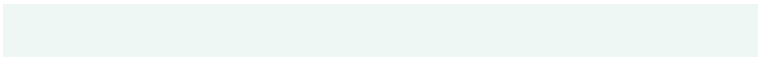
Harmonies

Analogous

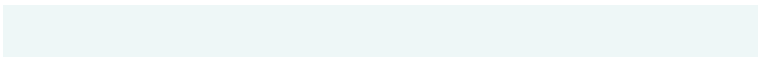
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4039, 0.3129, 0.3344



91.4039, 0.3094, 0.3320



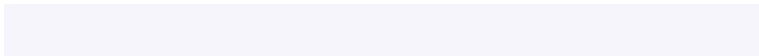
91.4039, 0.3068, 0.3288

Triad

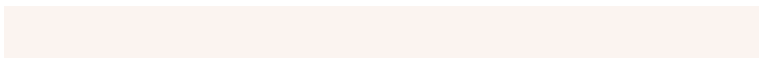
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4039, 0.3094, 0.3320



91.4039, 0.3090, 0.3228



91.4039, 0.3198, 0.3322

Complementary

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



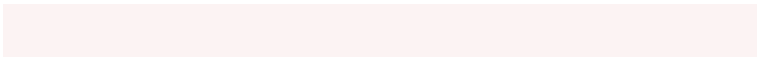
91.4039, 0.3094, 0.3320



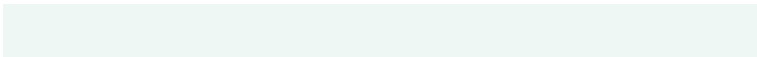
87.9159, 0.3162, 0.3260

Split Complementary

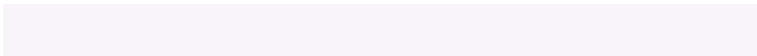
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4039, 0.3187, 0.3292



91.4039, 0.3094, 0.3320



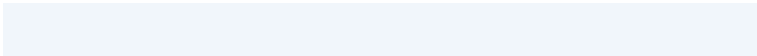
91.4039, 0.3125, 0.3238

Square

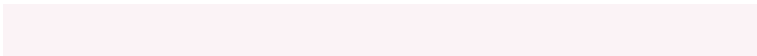
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.4039, 0.3094, 0.3320



91.4039, 0.3066, 0.3236



91.4039, 0.3160, 0.3261



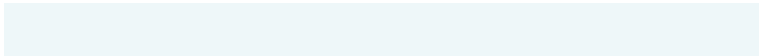
91.4039, 0.3189, 0.3345

Rectangle

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



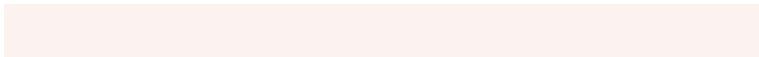
91.4039, 0.3094, 0.3320



91.4039, 0.3059, 0.3267



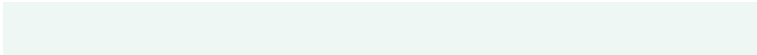
91.4039, 0.3160, 0.3261



91.4039, 0.3196, 0.3313

Sweetspot

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



91.4078, 0.3094, 0.3320



99.4577, 0.3117, 0.3299



91.6482, 0.3143, 0.3370



21.2938, 0.3117, 0.3299



0.0000, 0.0000, 0.0000



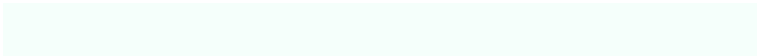
21.4041, 0.3127, 0.3290

Same Dimension

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



91.4078, 0.3094, 0.3320



97.8711, 0.3086, 0.3327



91.0223, 0.3077, 0.3281



19.1080, 0.3079, 0.3334



36.4397, 0.2605, 0.4577



3.2226, 0.2555, 0.4397

Inverse Universe

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



87.9159, 0.3162, 0.3260



93.2615, 0.3170, 0.3253



88.2848, 0.3180, 0.3299



18.0443, 0.3178, 0.3246



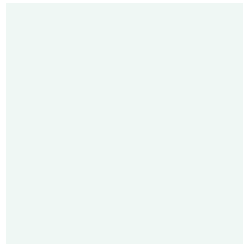
10.9032, 0.5471, 0.2788



0.9776, 0.5131, 0.2600

Previews

White Background



This preview shows how the Yxy color 91.4039, 0.3094, 0.3320 looks on a white background.

Color Contrast Check

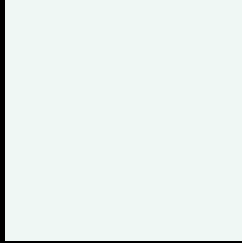
Large Text (above 18pt) WCAG AA × Fail

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 91.4039, 0.3094, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

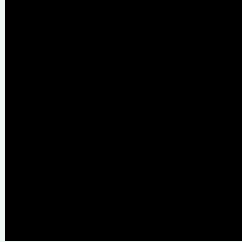
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

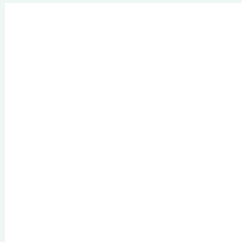
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4039, 0.3094, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 91.4039, 0.3094, 0.3320.

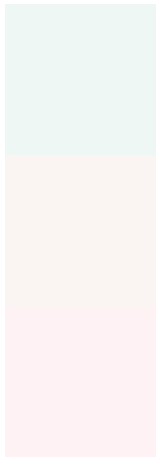


This preview shows how white text looks on a background with the Yxy color 91.4039, 0.3094, 0.3320.

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

91.4039, 0.3094, 0.3320

Protanopia

91.4362, 0.3178, 0.3310

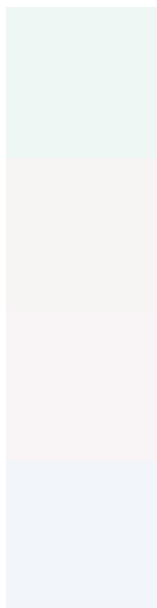
Deuteranopia

91.3568, 0.3194, 0.3261

Tritanopia

91.5795, 0.3055, 0.3192

Trichromacy



Original Color

91.4039, 0.3094, 0.3320

Protanomaly

91.3687, 0.3146, 0.3310

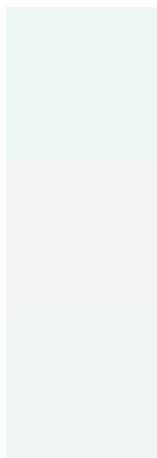
Deuteranomaly

91.4337, 0.3154, 0.3280

Tritanomaly

91.7538, 0.3072, 0.3241

Monochromacy



Original Color

91.4039, 0.3094, 0.3320

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.7137, 0.3114, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4039, 0.3094, 0.3320 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(239, 247, 244)` looks like.

```
.text, #text, p{  
    color:rgb(239, 247, 244)  
}
```

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(239, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 247, 244) }
```

Border

The CSS property to change the border of an element to Yxy 91.4039, 0.3094, 0.3320 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(239, 247, 244) }
```

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

```
.border{ border-color:rgb(239, 247, 244) }
```

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

Here you see how a box with a 4 pixel rgb(239, 247, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(239, 247,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4039, 0.3094, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 247, 244) }
```

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

```
.background{ background-color: rgb(239,  
247, 244) }
```

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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