

Converting Colors

Yxy(91.9949, 0.3089, 0.3339)

Have a look what the booklet for
Yxy(91.9949, 0.3089, 0.3339)
contains.

Yxy(91.7830, 0.3093, 0.3340)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.7830, 0.3093, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	EEF8F3
RGB	238, 248, 243
RGB Percent	93%, 97%, 95%
CMY	0.0668, 0.0274, 0.0471
CMYK	0.04, 0.00, 0.02, 0.03
HSL	150°, 42%, 95%
HSV	150°, 4%, 97%
XYZ	84.9955, 91.7830, 98.0209
YIQ	244.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

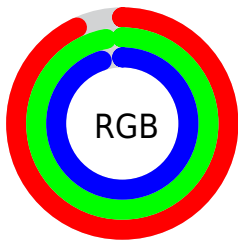
Format	Color
R _Y B	238, 245, 248
Decimal	15661299
CIE Lab	96.73, -4.20, 1.25
CIE LCh	97, 4.380, 163.423
Yxy	91.7830, 0.3093, 0.3340
Android (android.graphics.Color)	4293851379 (0xFFEEF8F3)
YUV	244.4400, -0.7099, -5.6479
Hunter-Lab	95.8034, -9.2934, 6.4001

Details

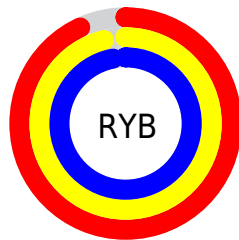
The Yxy color **91.7830, 0.3093, 0.3340** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.5613, 0.3163, 0.3241**, and the grayscale version is **90.8445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2322, 0.3084, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **87.0618, 0.3010, 0.3474**, and if you desaturate by 10%, it is **95.6246, 0.3130, 0.3223**.

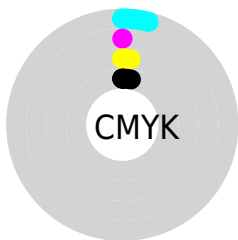
Distribution



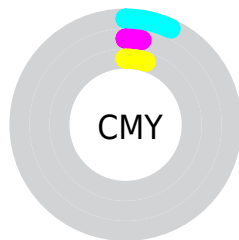
- Red (93%)
- Green (97%)
- Blue (95%)



- Red (93%)
- Yellow (96%)
- Blue (97%)



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





- Cyan (7%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7830, 0.3093, 0.3340 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 91.7830, 0.3093, 0.3340 by changing the saturation by 10% instead.


 91.7830, 0.3093,
0.3340

 91.7830, 0.3093,
0.3340

533.8140, 0.3108,
0.3318

 69.4604, 0.3090,
0.3345


149.8126, 0.3098,
0.3332

 51.0868, 0.3086,
0.3351


186.2884, 0.3100,
0.3329

 36.2777, 0.3080,
0.3358


228.2507, 0.3102,
0.3327

 24.6487, 0.3074,
0.3368

276.0840, 0.3104,
0.3325

 15.8155, 0.3065,
0.3380

330.1725, 0.3105,
0.3323

 9.3937, 0.3054,
0.3398

390.9008, 0.3106,

 4.9989, 0.3036,

0.3321

458.6531, 0.3107,
0.3319

0.3423

■ 2.2466, 0.3008,
0.3465

■ 0.7452, 0.2920,
0.3591

■ 91.7830, 0.3093,
0.3340

■ 91.7830, 0.3093,
0.3340


■ 87.0618, 0.3010,
0.3474


■ 95.6246, 0.3130,
0.3223


■ 82.9537, 0.2930,
0.3623


■ 79.4359, 0.2856,
0.3787


■ 76.4797, 0.2791,
0.3964

 74.0538, 0.2739,
0.4153

 72.1240, 0.2703,
0.4349

 70.6518, 0.2686,
0.4549

 69.5924, 0.2689,
0.4745

 68.8917, 0.2712,
0.4933

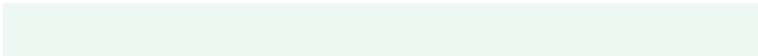
Harmonies

Analogous

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



91.7830, 0.3142, 0.3368



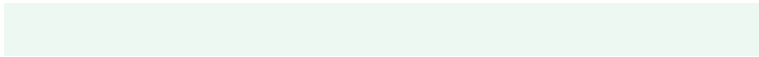
91.7830, 0.3093, 0.3340



91.7830, 0.3053, 0.3298

Triad

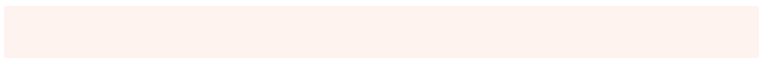
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7830, 0.3093, 0.3340



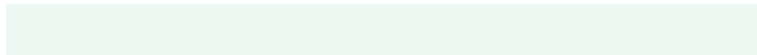
91.7830, 0.3067, 0.3207



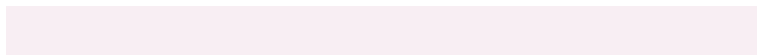
91.7830, 0.3222, 0.3324

Complementary

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



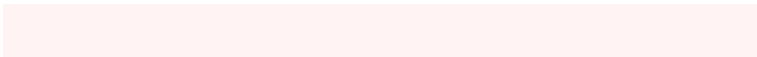
91.7830, 0.3093, 0.3340



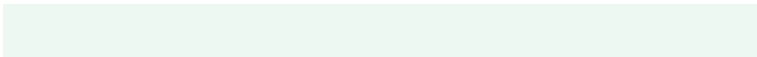
87.5613, 0.3163, 0.3241

Split Complementary

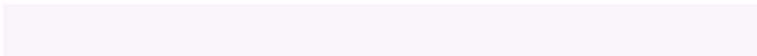
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7830, 0.3202, 0.3281



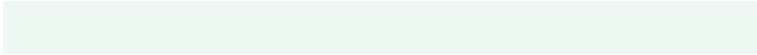
91.7830, 0.3093, 0.3340



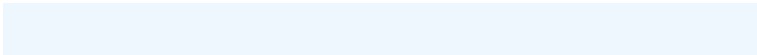
91.7830, 0.3112, 0.3214

Square

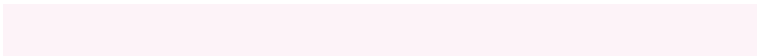
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



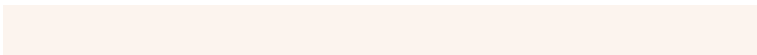
91.7830, 0.3093, 0.3340



91.7830, 0.3038, 0.3222



91.7830, 0.3161, 0.3241



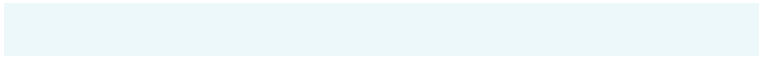
91.7830, 0.3217, 0.3358

Rectangle

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



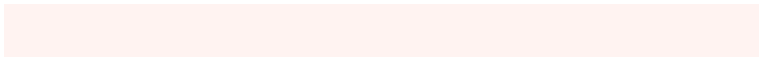
91.7830, 0.3093, 0.3340



91.7830, 0.3037, 0.3269



91.7830, 0.3161, 0.3241



91.7830, 0.3218, 0.3310

Sweetspot

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



91.7869, 0.3093, 0.3340



99.4377, 0.3119, 0.3302



92.3991, 0.3156, 0.3390



21.2897, 0.3119, 0.3302



0.0000, 0.0000, 0.0000



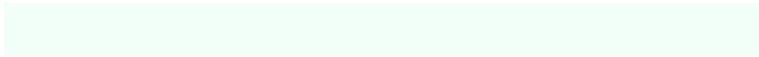
21.4041, 0.3127, 0.3290

Same Dimension

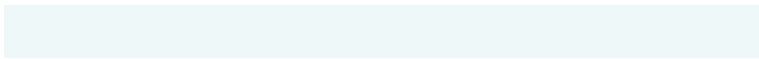
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7869, 0.3093, 0.3340



97.2575, 0.3085, 0.3352



92.0844, 0.3065, 0.3291



19.8533, 0.3079, 0.3361



37.0799, 0.2725, 0.5011



3.4556, 0.2665, 0.4792

Inverse Universe

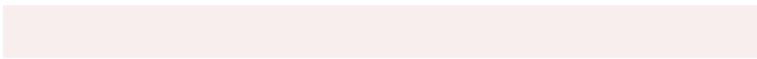
The Inverse Universe completely reimagines the original color for something new.



87.5613, 0.3163, 0.3241



91.7296, 0.3172, 0.3229



87.2716, 0.3193, 0.3289



18.5701, 0.3178, 0.3220



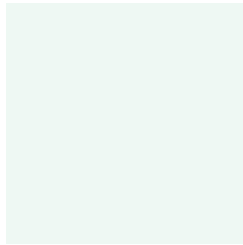
11.5958, 0.4961, 0.2507



1.0954, 0.4695, 0.2360

Previews

White Background



This preview shows how the Yxy color 91.7830, 0.3093, 0.3340 looks on a white background.

Color Contrast Check

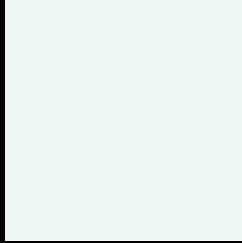
Large Text (above 18pt) WCAG AA × Fail

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 91.7830, 0.3093, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

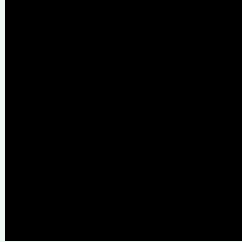
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

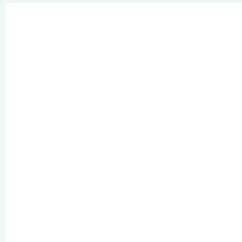
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7830, 0.3093, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 91.7830, 0.3093, 0.3340.

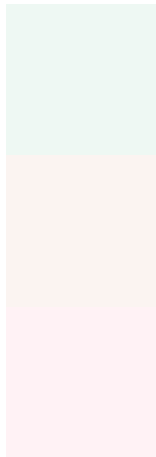


This preview shows how white text looks on a background with the Yxy color 91.7830, 0.3093, 0.3340.

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

91.7830, 0.3093, 0.3340

Protanopia

91.5615, 0.3191, 0.3320

Deuteranopia

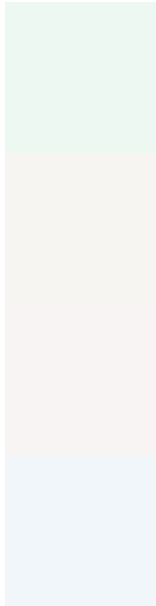
91.3568, 0.3194, 0.3261



Tritanopia

91.5795, 0.3055, 0.3192

Trichromacy



Original Color

91.7830, 0.3093, 0.3340

Protanomaly

91.3085, 0.3152, 0.3320

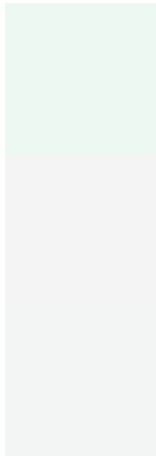
Deuteranomaly

91.3728, 0.3160, 0.3290

Tritanomaly

91.5773, 0.3066, 0.3241

Monochromacy



Original Color

91.7830, 0.3093, 0.3340

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 91.7830, 0.3093, 0.3340 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(238, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(238, 248, 243)  
}
```

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(238, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 248, 243) }
```

Border

The CSS property to change the border of an element to Yxy 91.7830, 0.3093, 0.3340 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(238, 248, 243) }
```

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

```
.border{ border-color:rgb(238, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(238, 248,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7830, 0.3093, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 248, 243) }
```

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

```
.background{ background-color: rgb(238,  
248, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor