

Converting Colors

$Yxy(91.6548, 0.3108, 0.3375)$

Have a look what the booklet for
Yxy(91.6548, 0.3108, 0.3375)
contains.

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Color

Yxy(91.4306, 0.3104, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	EDF8F0
RGB	237, 248, 240
RGB Percent	93%, 97%, 94%
CMY	0.0707, 0.0274, 0.0587
CMYK	0.04, 0.00, 0.03, 0.03
HSL	137°, 44%, 95%
HSV	137°, 4%, 97%
XYZ	84.2138, 91.4306, 95.6630
YIQ	243.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

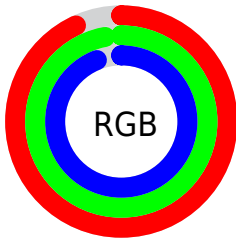
Format	Color
R _Y B	237, 246, 248
Decimal	15595760
CIE Lab	96.59, -5.06, 2.56
CIE LCh	97, 5.668, 153.133
Yxy	91.4306, 0.3104, 0.3370
Android (android.graphics.Color)	4293785840 (0xFFEDF8F0)
YUV	243.7990, -1.8729, -5.9627
Hunter-Lab	95.6193, -10.1254, 7.6165

Details

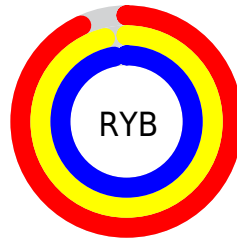
The Yxy color **91.4306, 0.3104, 0.3370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.0968, 0.3151, 0.3211**, and the grayscale version is **90.3148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9837, 0.3098, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **86.4432, 0.3052, 0.3567**, and if you desaturate by 10%, it is **95.6235, 0.3130, 0.3223**.

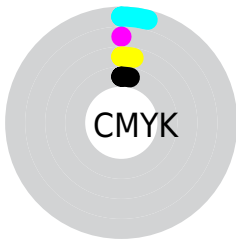
Distribution



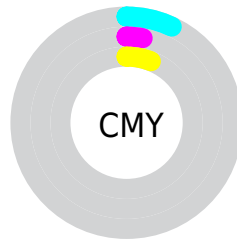
- Red (93%)
- Green (97%)
- Blue (94%)



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



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




- Cyan (7%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4306, 0.3104, 0.3370 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 91.4306, 0.3104, 0.3370 by changing the saturation by 10% instead.


 91.4306, 0.3104,
0.3370

 91.4306, 0.3104,
0.3370

532.6736, 0.3114,
0.3334

 69.1678, 0.3102,
0.3378


149.3240, 0.3108,
0.3358

 50.8484, 0.3099,
0.3387


185.7233, 0.3109,
0.3353

 36.0879, 0.3095,
0.3399


227.6037, 0.3110,
0.3349

 24.5021, 0.3091,
0.3415

275.3493, 0.3111,
0.3345

 15.7065, 0.3085,
0.3435

329.3448, 0.3112,
0.3342

 9.3167, 0.3076,
0.3463

389.9744, 0.3113,

 4.9483, 0.3064,

0.3339

457.6225, 0.3114,
0.3337

0.3505

■ 2.2170, 0.3043,
0.3574

■ 0.7292, 0.2977,
0.3810

■ 91.4306, 0.3104,
0.3370

■ 91.4306, 0.3104,
0.3370

■ 86.4432, 0.3052,
0.3567

■ 95.6235, 0.3130,
0.3223

■ 82.1205, 0.3001,
0.3787

■ 78.4376, 0.2953,
0.4031

■ 75.3633, 0.2912,
0.4294

■ 72.8639, 0.2880,
0.4571

■ 70.9024, 0.2860,
0.4851

■ 69.4371, 0.2855,
0.5122

■ 68.4201, 0.2867,
0.5370

■ 67.7932, 0.2893,
0.5580

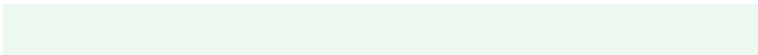
Harmonies

Analogous

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



91.4306, 0.3168, 0.3398



91.4306, 0.3104, 0.3370



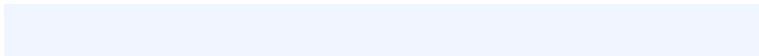
91.4306, 0.3047, 0.3320

Triad

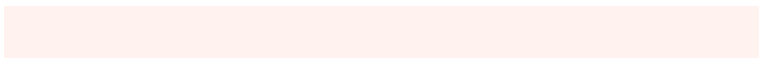
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4306, 0.3104, 0.3370



91.4306, 0.3034, 0.3186



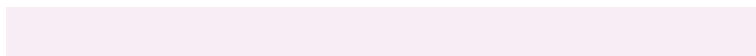
91.4306, 0.3245, 0.3315

Complementary

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



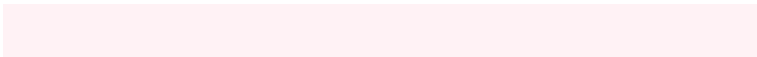
91.4306, 0.3104, 0.3370



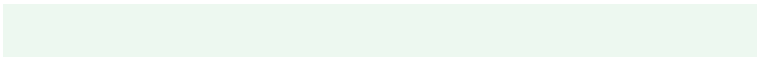
87.0968, 0.3151, 0.3211

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.



91.4306, 0.3208, 0.3260



91.4306, 0.3104, 0.3370



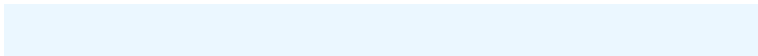
91.4306, 0.3086, 0.3185

Square

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



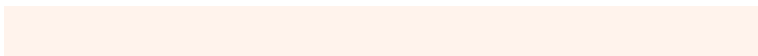
91.4306, 0.3104, 0.3370



91.4306, 0.3006, 0.3214



91.4306, 0.3150, 0.3212



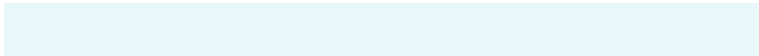
91.4306, 0.3249, 0.3365

Rectangle

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



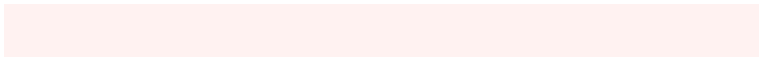
91.4306, 0.3104, 0.3370



91.4306, 0.3020, 0.3282



91.4306, 0.3150, 0.3212



91.4306, 0.3236, 0.3297

Sweetspot

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



91.4345, 0.3104, 0.3370



99.4013, 0.3122, 0.3308



92.6805, 0.3174, 0.3399



21.2823, 0.3122, 0.3307



0.0000, 0.0000, 0.0000



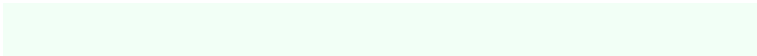
21.4041, 0.3127, 0.3290

Same Dimension

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



91.4345, 0.3104, 0.3370



97.0817, 0.3101, 0.3380



91.7612, 0.3072, 0.3316



19.8126, 0.3098, 0.3393



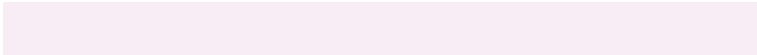
36.5161, 0.2903, 0.5652



3.3991, 0.2839, 0.5422

Inverse Universe

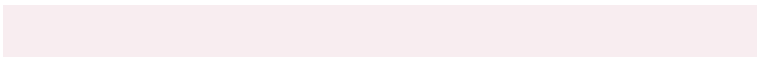
The Inverse Universe completely reimagines the original color for something new.



87.0968, 0.3151, 0.3211



91.9080, 0.3154, 0.3201



86.7710, 0.3185, 0.3265



18.6116, 0.3158, 0.3189



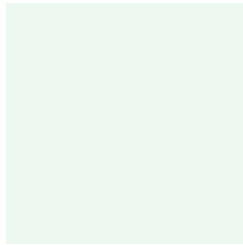
12.5720, 0.4061, 0.2011



1.1823, 0.3935, 0.1941

Previews

White Background



This preview shows how the Yxy color 91.4306, 0.3104, 0.3370 looks on a white background.

Color Contrast Check

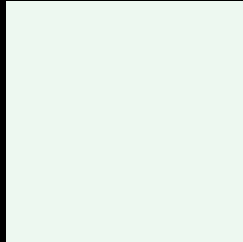
Large Text (above 18pt) WCAG AA × Fail

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 91.4306, 0.3104, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

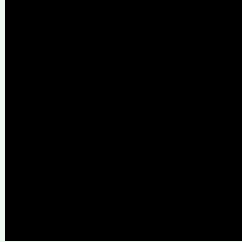
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

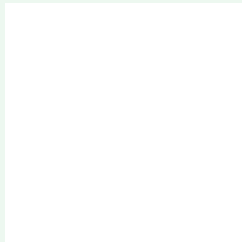
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4306, 0.3104, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 91.4306, 0.3104, 0.3370.

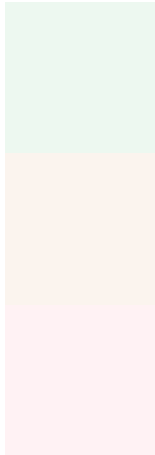


This preview shows how white text looks on a background with the Yxy color 91.4306, 0.3104, 0.3370.

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

91.4306, 0.3104, 0.3370

Protanopia

91.3836, 0.3209, 0.3349

Deuteranopia

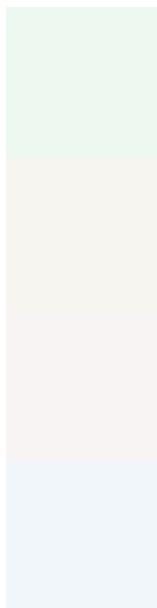
91.2959, 0.3200, 0.3271



Tritanopia

91.5795, 0.3055, 0.3192

Trichromacy



Original Color

91.4306, 0.3104, 0.3370

Protanomaly

91.1296, 0.3170, 0.3349

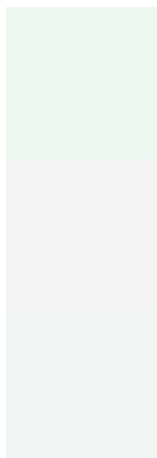
Deuteranomaly

91.1289, 0.3159, 0.3300

Tritanomaly

91.5144, 0.3072, 0.3250

Monochromacy



Original Color

91.4306, 0.3104, 0.3370

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4767, 0.3113, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4306, 0.3104, 0.3370 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(237, 248, 240)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 240)  
}
```

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(237, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 240) }
```

Border

The CSS property to change the border of an element to Yxy 91.4306, 0.3104, 0.3370 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(237, 248, 240) }
```

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

```
.border{ border-color:rgb(237, 248, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 248, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 248, 240); box-shadow:4px 4px 4px 4px rgb(237, 248, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4306, 0.3104, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 240) }
```

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

```
.background{ background-color: rgb(237,  
248, 240) }
```

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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