

Converting Colors

$Yxy(90.9354, 0.3094, 0.3325)$

Have a look what the booklet for
Yxy(90.9354, 0.3094, 0.3325)
contains.

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Color

Yxy(91.1697, 0.3093, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	EEF7F3
RGB	238, 247, 243
RGB Percent	93%, 97%, 95%
CMY	0.0669, 0.0313, 0.0470
CMYK	0.04, 0.00, 0.02, 0.03
HSL	153°, 36%, 95%
HSV	153°, 4%, 97%
XYZ	84.6810, 91.1697, 97.9321
YIQ	243.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

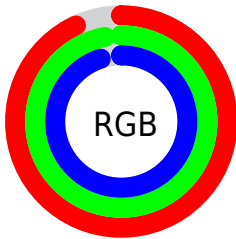
Format	Color
R _{YB}	238, 244, 247
Decimal	15661043
CIE _{Lab}	96.48, -3.71, 0.87
CIE _{LCh}	96, 3.810, 166.736
Y _{xy}	91.1697, 0.3093, 0.3330
Android (android.graphics.Color)	4293851123 (0xFFEEF7F3)
Y _{UV}	243.8530, -0.4205, -5.1331
Hunter-Lab	95.4828, -8.7883, 6.0271

Details

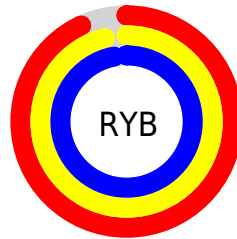
The Yxy color 91.1697, 0.3093, 0.3330 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.2949, 0.3163, 0.3250, and the grayscale version is 90.3440, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.7945, 0.3084, 0.3341 is the 20% darker color. If you saturate the color by 10%, you get 86.5487, 0.3002, 0.3447, and if you desaturate by 10%, it is 94.9478, 0.3137, 0.3224.

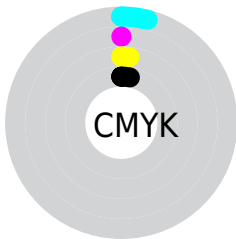
Distribution



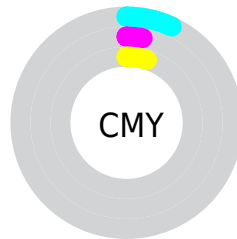
- Red (93%)
- Green (97%)
- Blue (95%)



- 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 91.1697, 0.3093, 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 91.1697, 0.3093, 0.3330 by changing the saturation by 10% instead.

 91.1697, 0.3093,
0.3330

 91.1697, 0.3093,
0.3330

531.8285, 0.3108,
0.3312

 68.9512, 0.3090,
0.3334

148.9621, 0.3098,
0.3324

 50.6720, 0.3086,
0.3339


185.3048, 0.3100,
0.3322

 35.9476, 0.3080,
0.3345


227.1243, 0.3102,
0.3320

 24.3937, 0.3074,
0.3352

274.8051, 0.3104,
0.3318

 15.6260, 0.3065,
0.3362

328.7315, 0.3105,
0.3316

 9.2599, 0.3054,
0.3376

389.2880, 0.3106,

 4.9111, 0.3036,

0.3315

456.8588, 0.3107,
0.3313

0.3397

■ 2.1952, 0.3008,
0.3430

■ 0.7174, 0.2915,
0.3536

■ 91.1697, 0.3093,
0.3330

■ 91.1697, 0.3093,
0.3330

■ 86.5487, 0.3002,
0.3447


■ 94.9478, 0.3137,
0.3224

■ 82.5251, 0.2914,
0.3578


■ 95.0171, 0.3131,
0.3214

■ 79.0769, 0.2833,
0.3721


■ 76.1760, 0.2762,
0.3876

 73.7920, 0.2704,
0.4040

 71.8914, 0.2663,
0.4212

 70.4366, 0.2640,
0.4387

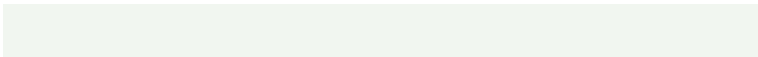
 69.3841, 0.2638,
0.4562

 68.6810, 0.2657,
0.4731

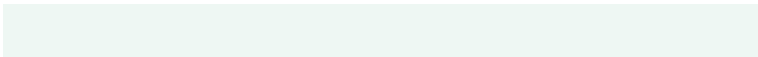
Harmonies

Analogous

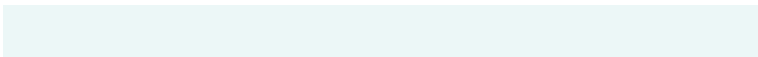
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1697, 0.3135, 0.3356



91.1697, 0.3093, 0.3330



91.1697, 0.3060, 0.3293

Triad

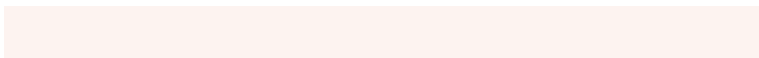
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1697, 0.3093, 0.3330



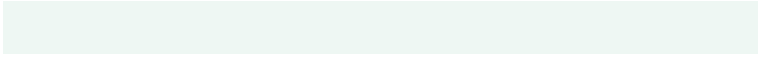
91.1697, 0.3079, 0.3217



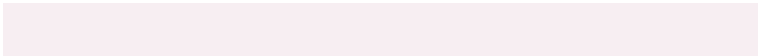
91.1697, 0.3210, 0.3324

Complementary

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



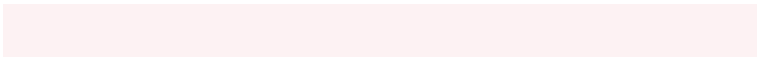
91.1697, 0.3093, 0.3330



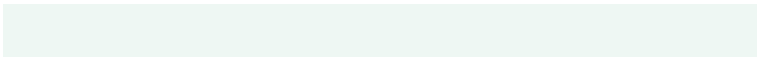
87.2949, 0.3163, 0.3250

Split Complementary

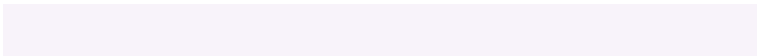
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1697, 0.3195, 0.3287



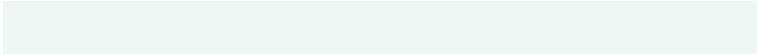
91.1697, 0.3093, 0.3330



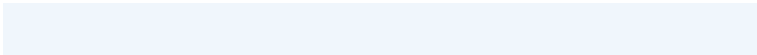
91.1697, 0.3119, 0.3226

Square

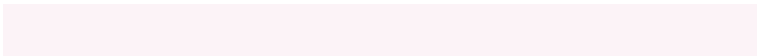
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



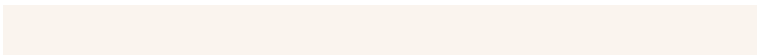
91.1697, 0.3093, 0.3330



91.1697, 0.3052, 0.3228



91.1697, 0.3161, 0.3251



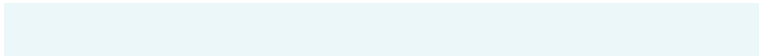
91.1697, 0.3203, 0.3352

Rectangle

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



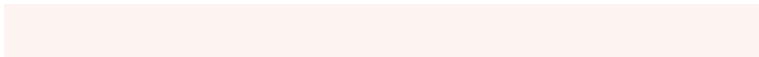
91.1697, 0.3093, 0.3330



91.1697, 0.3048, 0.3268



91.1697, 0.3161, 0.3251



91.1697, 0.3208, 0.3312

Sweetspot

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



91.1736, 0.3093, 0.3330



99.4472, 0.3118, 0.3301



91.5873, 0.3149, 0.3381



21.2916, 0.3118, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

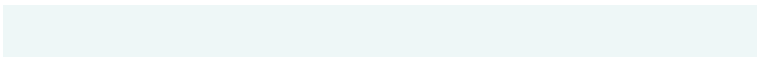
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1736, 0.3093, 0.3330



97.8296, 0.3090, 0.3334



91.1413, 0.3070, 0.3285



19.0984, 0.3083, 0.3342



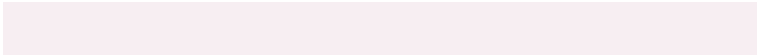
36.1784, 0.2669, 0.4807



3.2004, 0.2611, 0.4599

Inverse Universe

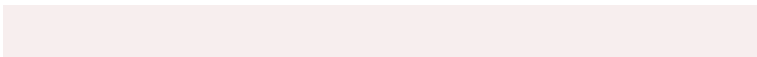
The Inverse Universe completely reimagines the original color for something new.



87.2949, 0.3163, 0.3250



93.3026, 0.3166, 0.3247



87.3212, 0.3187, 0.3295



18.0538, 0.3173, 0.3239



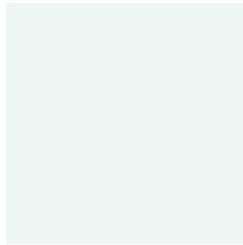
11.0710, 0.5206, 0.2642



0.9934, 0.4894, 0.2470

Previews

White Background



This preview shows how the Yxy color 91.1697, 0.3093, 0.3330 looks on a white background.

Color Contrast Check

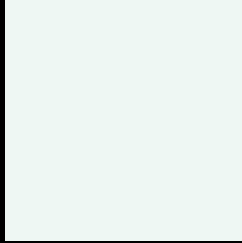
Large Text (above 18pt) WCAG AA × Fail

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 91.1697, 0.3093, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

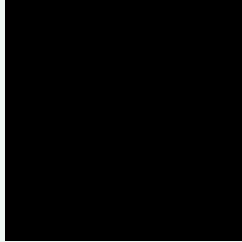
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

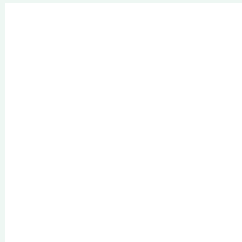
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1697, 0.3093, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 91.1697, 0.3093, 0.3330.

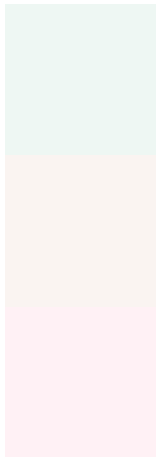


This preview shows how white text looks on a background with the Yxy color 91.1697, 0.3093, 0.3330.

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

91.1697, 0.3093, 0.3330

Protanopia

91.3762, 0.3184, 0.3320

Deuteranopia

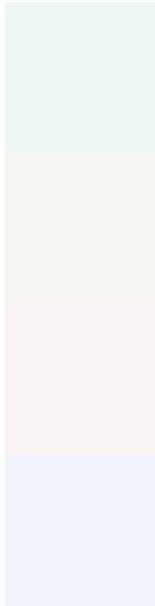
90.7632, 0.3195, 0.3251



Tritanopia

90.9761, 0.3056, 0.3182

Trichromacy



Original Color

91.1697, 0.3093, 0.3330

Protanomaly

91.3085, 0.3152, 0.3320

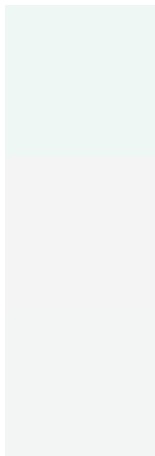
Deuteranomaly

90.7726, 0.3160, 0.3280

Tritanomaly

90.9706, 0.3066, 0.3231

Monochromacy



Original Color

91.1697, 0.3093, 0.3330

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 91.1697, 0.3093, 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(238, 247, 243)` looks like.

```
.text, #text, p{  
    color:rgb(238, 247, 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, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 247, 243) }
```

Border

The CSS property to change the border of an element to Yxy 91.1697, 0.3093, 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(238, 247, 243) }
```

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

```
.border{ border-color:rgb(238, 247, 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, 247, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(238, 247,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1697, 0.3093, 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(238, 247, 243) }
```

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

```
.background{ background-color: rgb(238,  
247, 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](#).

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