

Converting Colors

$Yxy(93.7696, 0.3104, 0.3396)$

Have a look what the booklet for
Yxy(93.7696, 0.3104, 0.3396)
contains.

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Color

Yxy(93.5224, 0.3104, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	EEFBF1
RGB	238, 251, 241
RGB Percent	93%, 98%, 95%
CMY	0.0666, 0.0157, 0.0551
CMYK	0.05, 0.00, 0.04, 0.02
HSL	134°, 62%, 96%
HSV	134°, 5%, 98%
XYZ	85.6323, 93.5224, 96.7226
YIQ	245.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

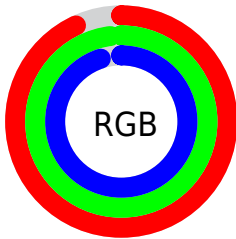
Format	Color
R _Y B	238, 249, 251
Decimal	15662065
CIE Lab	97.44, -6.05, 3.33
CIE LCh	97, 6.902, 151.191
Yxy	93.5224, 0.3104, 0.3390
Android (android.graphics.Color)	4293852145 (0xFFEEFBF1)
YUV	245.9730, -2.4517, -6.9923
Hunter-Lab	96.7070, -11.1786, 8.3953

Details

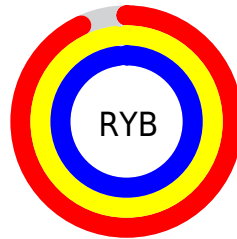
The Yxy color 93.5224, 0.3104, 0.3390 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4496, 0.3151, 0.3192, and the grayscale version is 92.1612, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.4781, 0.3097, 0.3417 is the 20% darker color. If you saturate the color by 10%, you get 88.3810, 0.3059, 0.3603, and if you desaturate by 10%, it is 97.4783, 0.3129, 0.3252.

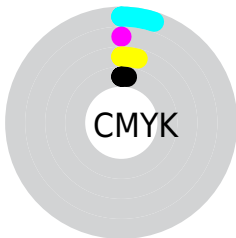
Distribution



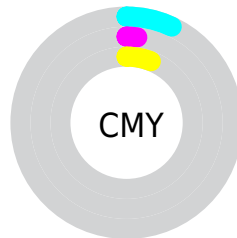
- Red (93%)
- Green (98%)
- Blue (95%)



- Red (93%)
- Yellow (98%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)




- Cyan (7%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5224, 0.3104, 0.3390 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 93.5224, 0.3104, 0.3390 by changing the saturation by 10% instead.


 93.5224, 0.3104,
0.3390

 93.5224, 0.3104,
0.3390


539.4237, 0.3114,
0.3346

 70.9058, 0.3102,
0.3400


152.2217, 0.3108,
0.3375

 52.2653, 0.3099,
0.3412


189.0731, 0.3109,
0.3369

 37.2166, 0.3095,
0.3427

231.4382, 0.3110,
0.3364

 25.3752, 0.3091,
0.3446

279.7015, 0.3111,
0.3359

 16.3568, 0.3085,
0.3471

334.2473, 0.3112,
0.3355

 9.7770, 0.3076,
0.3505

395.4600, 0.3113,

 5.2514, 0.3064,

0.3352

0.3557

463.7240, 0.3114,
0.3348

■ 2.3955, 0.3043,
0.3641

■ 0.8236, 0.2992,
0.3879

■ 93.5224, 0.3104,
0.3390

■ 93.5224, 0.3104,
0.3390

■ 88.3810, 0.3059,
0.3603

■ 97.4783, 0.3129,
0.3252

■ 83.9363, 0.3015,
0.3842

■ 80.1614, 0.2973,
0.4105

■ 77.0235, 0.2937,
0.4388

■ 74.4866, 0.2910,
0.4684

■ 72.5114, 0.2893,
0.4979

■ 71.0534, 0.2890,
0.5258

■ 70.0615, 0.2901,
0.5504

■ 69.4732, 0.2925,
0.5702

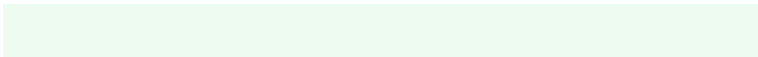
Harmonies

Analogous

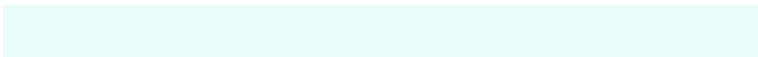
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5224, 0.3181, 0.3421



93.5224, 0.3104, 0.3390



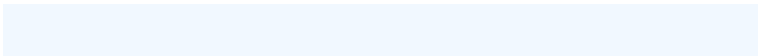
93.5224, 0.3034, 0.3331

Triad

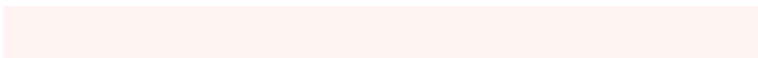
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5224, 0.3104, 0.3390



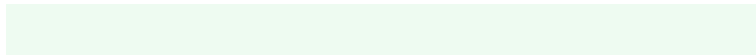
93.5224, 0.3011, 0.3165



93.5224, 0.3267, 0.3316

Complementary

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



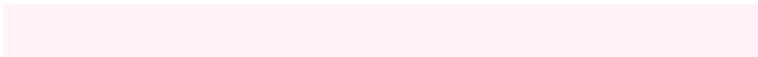
93.5224, 0.3104, 0.3390



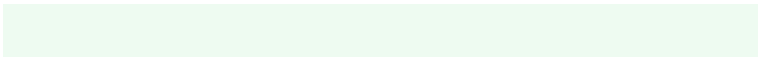
88.4496, 0.3151, 0.3192

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.



93.5224, 0.3221, 0.3249



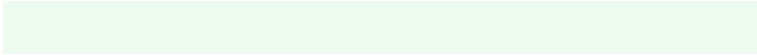
93.5224, 0.3104, 0.3390



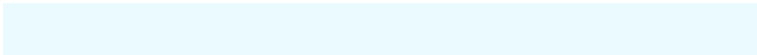
93.5224, 0.3072, 0.3163

Square

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



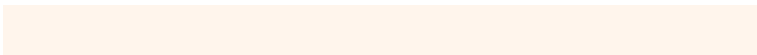
93.5224, 0.3104, 0.3390



93.5224, 0.2981, 0.3201



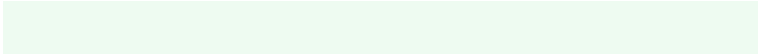
93.5224, 0.3149, 0.3193



93.5224, 0.3276, 0.3377

Rectangle

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



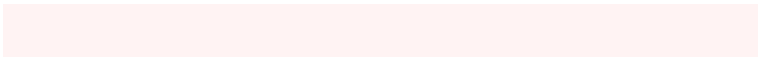
93.5224, 0.3104, 0.3390



93.5224, 0.3000, 0.3285



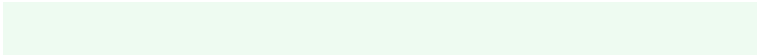
93.5224, 0.3149, 0.3193



93.5224, 0.3256, 0.3294

Sweetspot

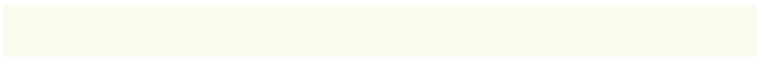
The Sweet Spot groups the original color and five complimentary colors.



93.5264, 0.3104, 0.3390



98.7940, 0.3118, 0.3328



95.1637, 0.3186, 0.3417



21.1586, 0.3119, 0.3326



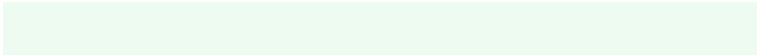
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

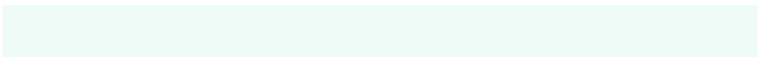
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5264, 0.3104, 0.3390



96.4738, 0.3100, 0.3407



93.9136, 0.3067, 0.3326



19.6939, 0.3097, 0.3420



36.4387, 0.2932, 0.5755



3.3902, 0.2872, 0.5539

Inverse Universe

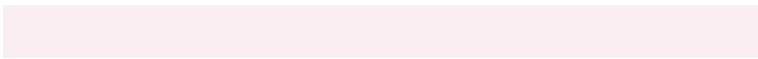
The Inverse Universe completely reimagines the original color for something new.



88.4496, 0.3151, 0.3192



90.4025, 0.3155, 0.3176



88.0608, 0.3191, 0.3254



18.3233, 0.3158, 0.3164



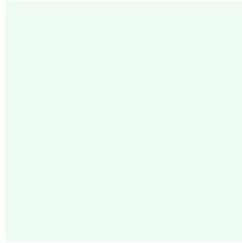
12.8547, 0.3881, 0.1912



1.2064, 0.3784, 0.1858

Previews

White Background



This preview shows how the Yxy color 93.5224, 0.3104, 0.3390 looks on a white background.

Color Contrast Check

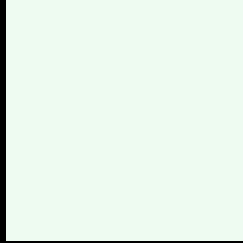
Large Text (above 18pt) WCAG AA × Fail

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 93.5224, 0.3104, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

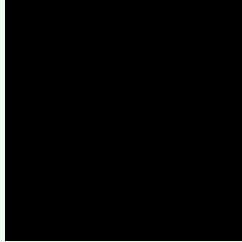
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

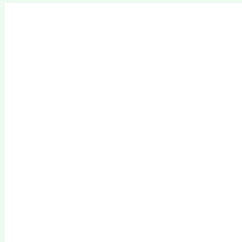
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5224, 0.3104, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 93.5224, 0.3104, 0.3390.

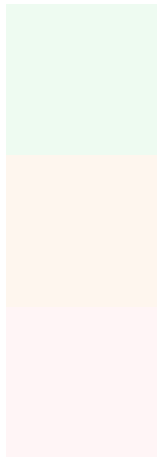


This preview shows how white text looks on a background with the Yxy color 93.5224, 0.3104, 0.3390.

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

93.5224, 0.3104, 0.3390

Protanopia

93.1554, 0.3227, 0.3368

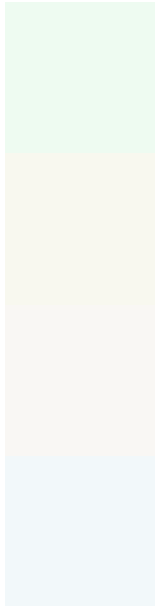
Deuteranopia

93.2186, 0.3186, 0.3281

Tritanopia

93.1540, 0.3068, 0.3212

Trichromacy



Original Color

93.5224, 0.3104, 0.3390

Protanomaly

93.3233, 0.3181, 0.3379

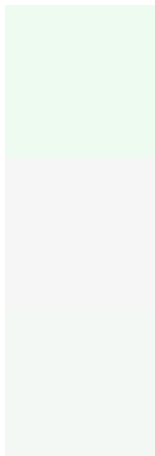
Deuteranomaly

93.1929, 0.3158, 0.3319

Tritanomaly

92.9142, 0.3078, 0.3270

Monochromacy



Original Color

93.5224, 0.3104, 0.3390

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.7211, 0.3119, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5224, 0.3104, 0.3390 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, 251, 241)` looks like.

```
.text, #text, p{  
    color:rgb(238, 251, 241)  
}
```

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, 251, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 251, 241) }
```

Border

The CSS property to change the border of an element to Yxy 93.5224, 0.3104, 0.3390 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, 251, 241) }
```

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

```
.border{ border-color:rgb(238, 251, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 251, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 251, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 251, 241);  
box-shadow:4px 4px 4px 4px rgb(238, 251,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5224, 0.3104, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 251, 241) }
```

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

```
.background{ background-color: rgb(238,  
251, 241) }
```

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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