

Converting Colors

$Yxy(93.7797, 0.3050, 0.3344)$

Have a look what the booklet for
Yxy(93.7797, 0.3050, 0.3344)
contains.

Yxy(93.7671, 0.3050, 0.3350)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.7671, 0.3050, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	EAFCF6
RGB	234, 252, 246
RGB Percent	92%, 99%, 96%
CMY	0.0824, 0.0117, 0.0354
CMYK	0.07, 0.00, 0.02, 0.01
HSL	160°, 75%, 95%
HSV	160°, 7%, 99%
XYZ	85.3700, 93.7671, 100.7646
YIQ	245.9340, -8.8020, -5.6820

Conversions

Conversions Part 2

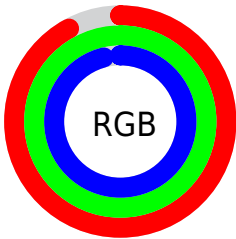
Format	Color
R_{YB}	234, 245, 252
Decimal	15400182
CIE Lab	97.54, -6.97, 0.85
CIE LCh	98, 7.020, 173.005
Yxy	93.7671, 0.3050, 0.3350
Android (android.graphics.Color)	4293590262 (0xFFEAFCF6)
YUV	245.9340, 0.0325, -10.4661
Hunter-Lab	96.8334, -12.0897, 6.0863

Details

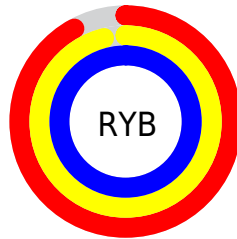
The Yxy color **93.7671, 0.3050, 0.3350** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.8303, 0.3211, 0.3231**, and the grayscale version is **92.1079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2129, 0.3030, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **89.2981, 0.2945, 0.3442**, and if you desaturate by 10%, it is **98.0709, 0.3132, 0.3267**.

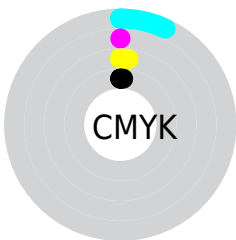
Distribution



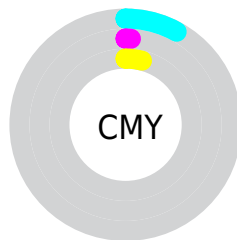
- Red (92%)
- Green (99%)
- Blue (96%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





- Cyan (8%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7671, 0.3050, 0.3350 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 93.7671, 0.3050, 0.3350 by changing the saturation by 10% instead.


 93.7671, 0.3050,
0.3350

 93.7671, 0.3050,
0.3350

540.2104, 0.3084,
0.3323

 71.1093, 0.3043,
0.3356


152.5602, 0.3062,
0.3341

 52.4314, 0.3033,
0.3363


189.4643, 0.3066,
0.3337

 37.3490, 0.3022,
0.3372


231.8858, 0.3070,
0.3334

 25.4778, 0.3008,
0.3383

280.2093, 0.3074,
0.3332

 16.4334, 0.2989,
0.3398

334.8191, 0.3077,
0.3329

 9.8314, 0.2963,
0.3418

396.0997, 0.3080,

 5.2873, 0.2925,

0.3327

0.3448

464.4353, 0.3082,
0.3325

■ 2.4168, 0.2865,
0.3496

■ 0.8345, 0.2701,
0.3618

■ 93.7671, 0.3050,
0.3350

■ 93.7671, 0.3050,
0.3350

■ 89.2981, 0.2945,
0.3442

■ 98.0709, 0.3132,
0.3267

■ 85.4295, 0.2846,
0.3543

■ 98.1083, 0.3128,
0.3262

■ 82.1378, 0.2757,
0.3653

■ 79.3931, 0.2679,
0.3770

■ 77.1630, 0.2617,
0.3894

■ 75.4113, 0.2573,
0.4022

■ 74.0971, 0.2549,
0.4153

■ 73.1725, 0.2546,
0.4283

■ 72.5757, 0.2562,
0.4411

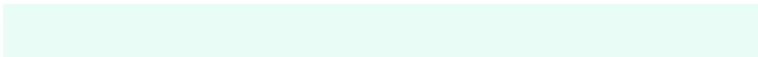
Harmonies

Analogous

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



93.7671, 0.3125, 0.3404



93.7671, 0.3050, 0.3350



93.7671, 0.2996, 0.3280

Triad

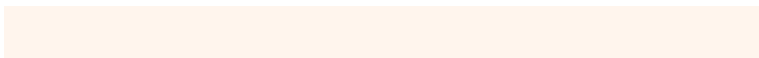
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7671, 0.3050, 0.3350



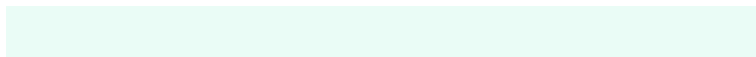
93.7671, 0.3052, 0.3158



93.7671, 0.3280, 0.3363

Complementary

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



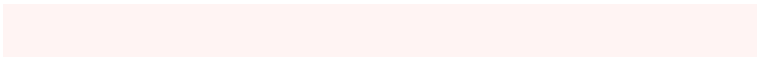
93.7671, 0.3050, 0.3350



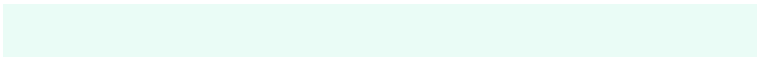
85.8303, 0.3211, 0.3231

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.



93.7671, 0.3260, 0.3298



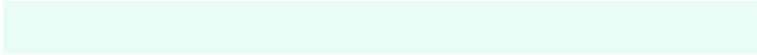
93.7671, 0.3050, 0.3350



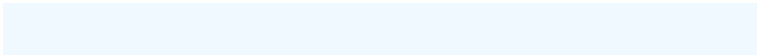
93.7671, 0.3128, 0.3180

Square

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



93.7671, 0.3050, 0.3350



93.7671, 0.2997, 0.3170



93.7671, 0.3204, 0.3231



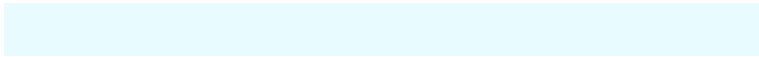
93.7671, 0.3259, 0.3411

Rectangle

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



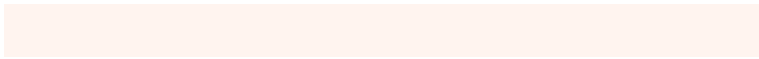
93.7671, 0.3050, 0.3350



93.7671, 0.2979, 0.3235



93.7671, 0.3204, 0.3231



93.7671, 0.3278, 0.3343

Sweetspot

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



93.7711, 0.3050, 0.3350



98.9359, 0.3105, 0.3306



94.1456, 0.3158, 0.3470



21.1875, 0.3107, 0.3306



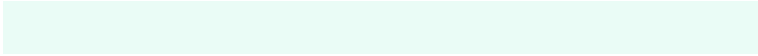
0.0000, 0.0000, 0.0000



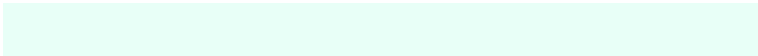
21.4041, 0.3127, 0.3290

Same Dimension

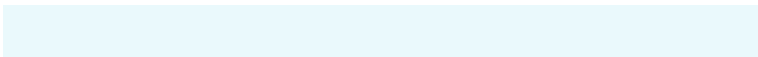
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7711, 0.3050, 0.3350



95.4187, 0.3030, 0.3366



92.4619, 0.3016, 0.3263



19.5039, 0.3025, 0.3371



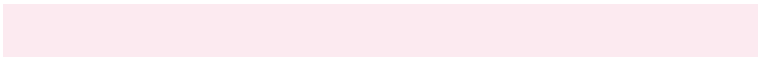
37.7589, 0.2563, 0.4426



3.5168, 0.2520, 0.4273

Inverse Universe

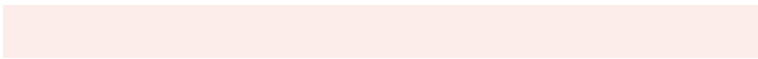
The Inverse Universe completely reimagines the original color for something new.



85.8303, 0.3211, 0.3231



85.2772, 0.3235, 0.3215



87.0282, 0.3247, 0.3317



17.3212, 0.3241, 0.3211



11.1420, 0.5638, 0.2879



1.0508, 0.5304, 0.2696

Previews

White Background



This preview shows how the Yxy color 93.7671, 0.3050, 0.3350 looks on a white background.

Color Contrast Check

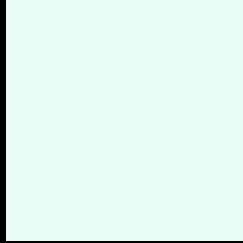
Large Text (above 18pt) WCAG AA × Fail

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 93.7671, 0.3050, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

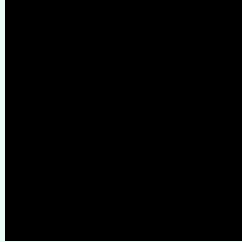
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

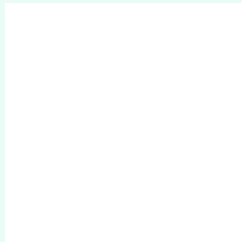
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7671, 0.3050, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 93.7671, 0.3050, 0.3350.

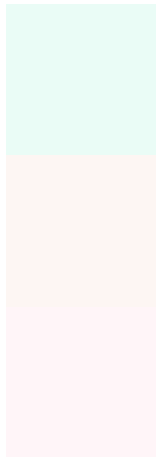


This preview shows how white text looks on a background with the Yxy color 93.7671, 0.3050, 0.3350.

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

93.7671, 0.3050, 0.3350

Protanopia

93.2652, 0.3190, 0.3319

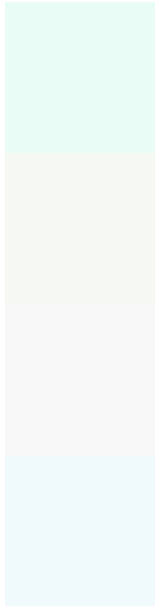
Deuteranopia

93.3421, 0.3174, 0.3261

Tritanopia

93.5879, 0.3061, 0.3222

Trichromacy



Original Color

93.7671, 0.3050, 0.3350

Protanomaly

93.2593, 0.3138, 0.3329

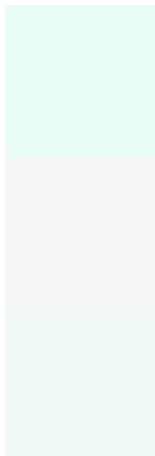
Deuteranomaly

93.6244, 0.3127, 0.3300

Tritanomaly

93.3049, 0.3053, 0.3260

Monochromacy



Original Color

93.7671, 0.3050, 0.3350

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.6659, 0.3101, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7671, 0.3050, 0.3350 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(234, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(234, 252, 246)  
}
```

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(234, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 252, 246) }
```

Border

The CSS property to change the border of an element to Yxy 93.7671, 0.3050, 0.3350 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(234, 252, 246) }
```

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

```
.border{ border-color:rgb(234, 252, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(234, 252,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7671, 0.3050, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 252, 246) }
```

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

```
.background{ background-color: rgb(234,  
252, 246) }
```

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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