

Converting Colors

$Y_{xy}(92.0109, 0.3039, 0.3301)$

Have a look what the booklet for
Yxy(92.0109, 0.3039, 0.3301)
contains.

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Color

Yxy(92.0211, 0.3039, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	EAFF9F8
RGB	234, 249, 248
RGB Percent	92%, 98%, 97%
CMY	0.0824, 0.0235, 0.0275
CMYK	0.06, 0.00, 0.00, 0.02
HSL	176°, 56%, 95%
HSV	176°, 6%, 98%
XYZ	84.7431, 92.0211, 102.0877
YIQ	244.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

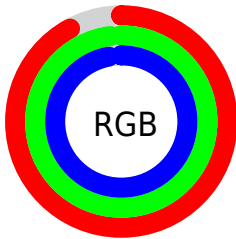
Format	Color
R _{YB}	234, 242, 249
Decimal	15399416
CIE Lab	96.83, -5.10, -1.22
CIE LCh	97, 5.238, 193.434
Yxy	92.0211, 0.3039, 0.3300
Android (android.graphics.Color)	4293589496 (0xFFEAF9F8)
YUV	244.4010, 1.7743, -9.1217
Hunter-Lab	95.9276, -10.1853, 4.0520

Details

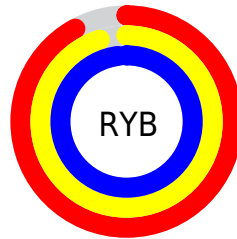
The Yxy color 92.0211, 0.3039, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.9752, 0.3223, 0.3280, and the grayscale version is 90.7947, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.4107, 0.3016, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 87.9974, 0.2899, 0.3318, and if you desaturate by 10%, it is 95.9023, 0.3161, 0.3284.

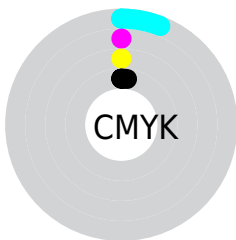
Distribution



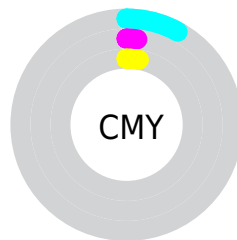
- Red (92%)
- Green (98%)
- Blue (97%)



- Red (92%)
- Yellow (95%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (8%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0211, 0.3039, 0.3300 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 92.0211, 0.3039, 0.3300 by changing the saturation by 10% instead.


 92.0211, 0.3039,
0.3300

 92.0211, 0.3039,
0.3300

534.5837, 0.3078,
0.3296

 69.6582, 0.3030,
0.3301

150.1426, 0.3052,
0.3299

 51.2479, 0.3020,
0.3302


186.6700, 0.3057,
0.3298

 36.4059, 0.3007,
0.3303


228.6877, 0.3062,
0.3298

 24.7479, 0.2991,
0.3305

276.5800, 0.3066,
0.3297

 15.8893, 0.2969,
0.3307

330.7313, 0.3070,
0.3297

 9.4459, 0.2940,
0.3310

391.5261, 0.3073,

 5.0331, 0.2896,

0.3296

0.3314

459.3488, 0.3076,
0.3296

■ 2.2667, 0.2827,
0.3320

■ 0.7560, 0.2631,
0.3347

■ 92.0211, 0.3039,
0.3300

■ 92.0211, 0.3039,
0.3300

■ 87.9974, 0.2899,
0.3318

■ 95.9023, 0.3161,
0.3284

■ 84.5384, 0.2768,
0.3337

■ 96.0096, 0.3151,
0.3267

■ 81.6218, 0.2649,
0.3358

■ 96.1179, 0.3141,
0.3251

■ 79.2193, 0.2546,
0.3380

■ 96.2272, 0.3131,
0.3235

■ 77.2999, 0.2460,
0.3403

■ 96.2397, 0.3130,
0.3233

■ 75.8293, 0.2394,
0.3426

■ 74.7688, 0.2347,
0.3449

■ 74.0729, 0.2319,
0.3472

■ 73.6855, 0.2308,
0.3495

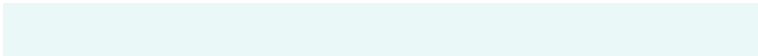
Harmonies

Analogous

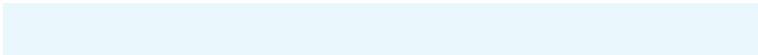
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0211, 0.3086, 0.3350



92.0211, 0.3039, 0.3300



92.0211, 0.3015, 0.3248

Triad

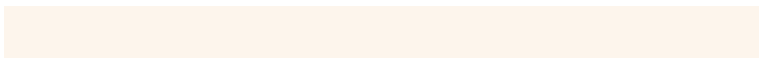
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0211, 0.3039, 0.3300



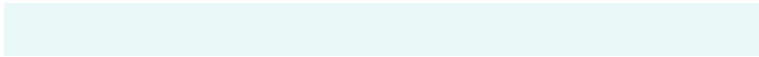
92.0211, 0.3109, 0.3199



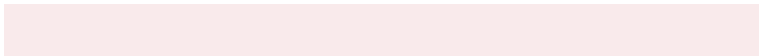
92.0211, 0.3234, 0.3372

Complementary

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



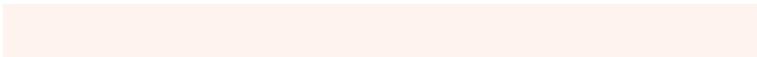
92.0211, 0.3039, 0.3300



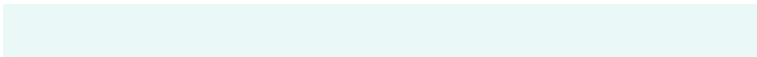
84.9752, 0.3223, 0.3280

Split Complementary

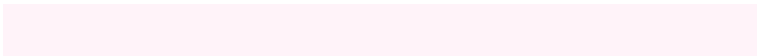
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0211, 0.3241, 0.3331



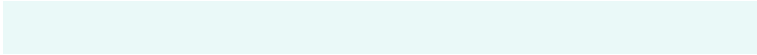
92.0211, 0.3039, 0.3300



92.0211, 0.3168, 0.3232

Square

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



92.0211, 0.3039, 0.3300



92.0211, 0.3055, 0.3191



92.0211, 0.3216, 0.3280



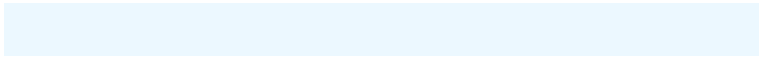
92.0211, 0.3199, 0.3391

Rectangle

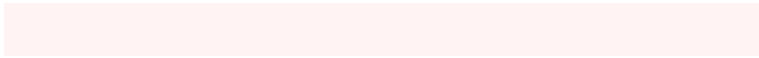
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



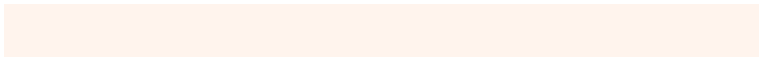
92.0211, 0.3039, 0.3300



92.0211, 0.3016, 0.3219



92.0211, 0.3216, 0.3280



92.0211, 0.3240, 0.3360

Sweetspot

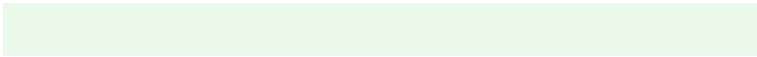
The Sweet Spot groups the original color and five complimentary colors.



92.0250, 0.3039, 0.3300



99.0230, 0.3098, 0.3293



91.4008, 0.3128, 0.3442



21.2052, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

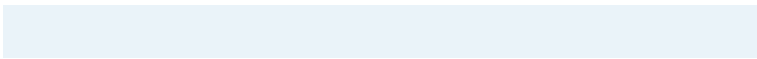
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0250, 0.3039, 0.3300



96.6919, 0.3025, 0.3302



88.2808, 0.3034, 0.3227



19.7583, 0.3017, 0.3303



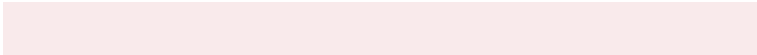
39.3919, 0.2306, 0.3500



3.6544, 0.2298, 0.3473

Inverse Universe

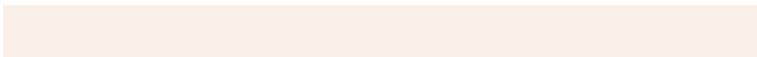
The Inverse Universe completely reimagines the original color for something new.



84.9752, 0.3223, 0.3280



88.1102, 0.3239, 0.3278



88.5455, 0.3224, 0.3352



17.8598, 0.3249, 0.3277



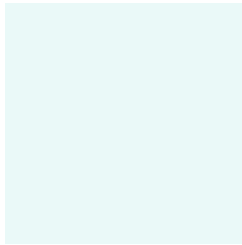
10.8094, 0.6330, 0.3261



1.0076, 0.6165, 0.3170

Previews

White Background



This preview shows how the Yxy color 92.0211, 0.3039, 0.3300 looks on a white background.

Color Contrast Check

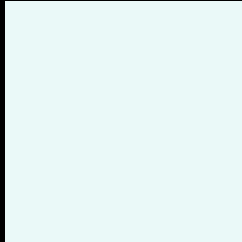
Large Text (above 18pt) WCAG AA × Fail

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 92.0211, 0.3039, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

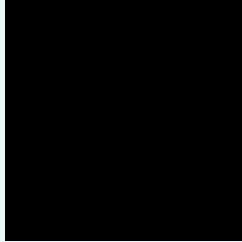
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

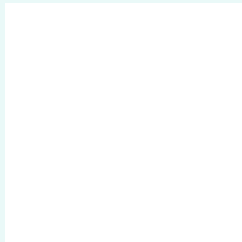
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0211, 0.3039, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 92.0211, 0.3039, 0.3300.

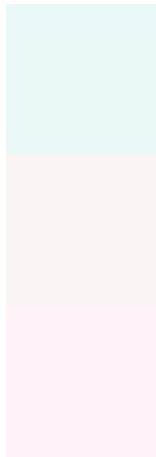


This preview shows how white text looks on a background with the Yxy color 92.0211, 0.3039, 0.3300.

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

92.0211, 0.3039, 0.3300

Protanopia

91.6179, 0.3160, 0.3280

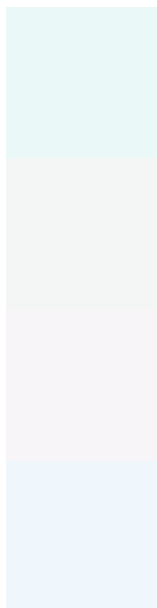
Deuteranopia

91.5416, 0.3176, 0.3232

Tritanopia

92.0088, 0.3049, 0.3202

Trichromacy



Original Color

92.0211, 0.3039, 0.3300

Protanomaly

91.7985, 0.3114, 0.3290

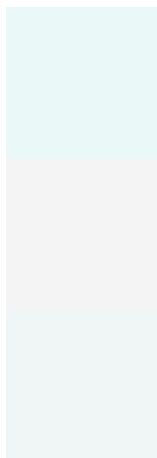
Deuteranomaly

91.8563, 0.3122, 0.3261

Tritanomaly

91.9005, 0.3047, 0.3240

Monochromacy



Original Color

92.0211, 0.3039, 0.3300

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.0294, 0.3095, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0211, 0.3039, 0.3300 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, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(234, 249, 248)  
}
```

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, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 249, 248) }
```

Border

The CSS property to change the border of an element to Yxy 92.0211, 0.3039, 0.3300 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, 249, 248) }
```

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

```
.border{ border-color:rgb(234, 249, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 249, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 249, 248); box-shadow:4px 4px 4px 4px rgb(234, 249, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0211, 0.3039, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 249, 248) }
```

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

```
.background{ background-color: rgb(234,  
249, 248) }
```

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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