

Converting Colors

$Y_{xy}(92.8030, 0.3032, 0.3290)$

Have a look what the booklet for
Yxy(92.8030, 0.3032, 0.3290)
contains.

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Color

Yxy(92.9355, 0.3034, 0.3290)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBFAFA |
| RGB | 235, 250, 250 |
| RGB Percent | 92%, 98%, 98% |
| CMY | 0.0783, 0.0196, 0.0197 |
| CMYK | 0.06, 0.00, 0.00, 0.02 |
| HSL | 180°, 60%, 95% |
| HSV | 180°, 6%, 98% |
| XYZ | 85.7040, 92.9355, 103.8392 |
| YIQ | 245.5150, -8.9400, -3.1800 |

Conversions

Conversions Part 2

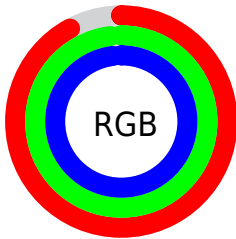
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 235, 243, 250 |
| Decimal | 15465210 |
| CIE Lab | 97.20, -4.89, -1.69 |
| CIE LCh | 97, 5.172, 199.050 |
| Yxy | 92.9355, 0.3034, 0.3290 |
| Android (android.graphics.Color) | 4293655290 (0xFFEBFAFA) |
| YUV | 245.5150, 2.2111, -9.2217 |
| Hunter-Lab | 96.4031, -10.0157, 3.6188 |

Details

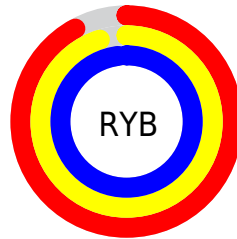
The Yxy color 92.9355, 0.3034, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.7574, 0.3228, 0.3290, and the grayscale version is 91.7385, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.0623, 0.3009, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 88.9751, 0.2885, 0.3290, and if you desaturate by 10%, it is 96.5360, 0.3159, 0.3290.

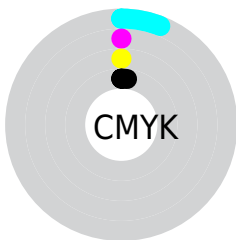
Distribution



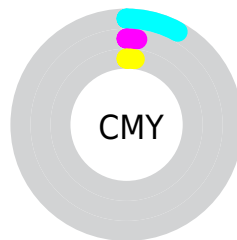
- Red (92%)
- Green (98%)
- Blue (98%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9355, 0.3034, 0.3290 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 92.9355, 0.3034, 0.3290 by changing the saturation by 10% instead.

 92.9355, 0.3034,
0.3290

 92.9355, 0.3034,
0.3290

537.5344, 0.3075,
0.3290

 70.4179, 0.3025,
0.3290


151.4093, 0.3048,
0.3290

 51.8673, 0.3014,
0.3290


188.1343, 0.3053,
0.3290

 36.8993, 0.3001,
0.3290


230.3639, 0.3058,
0.3290

 25.1295, 0.2983,
0.3289

278.4824, 0.3062,
0.3290

 16.1736, 0.2961,
0.3289

332.8744, 0.3066,
0.3290

 9.6471, 0.2930,
0.3288

393.9241, 0.3070,

 5.1656, 0.2885,

0.3290

462.0159, 0.3073,
0.3290

0.3287

■ 2.3447, 0.2813,
0.3285

■ 0.7972, 0.2636,
0.3292

■ 92.9355, 0.3034,
0.3290

■ 92.9355, 0.3034,
0.3290

■ 88.9751, 0.2885,
0.3290

■ 96.5360, 0.3159,
0.3290

■ 85.5840, 0.2746,
0.3290

■ 96.5391, 0.3158,
0.3289


■ 82.7396, 0.2621,
0.3291

■ 96.5423, 0.3158,
0.3289


■ 80.4132, 0.2513,
0.3291


■ 96.5455, 0.3158,
0.3288


 78.5737, 0.2422,
0.3291


 96.5486, 0.3157,
0.3288


 77.1864, 0.2351,
0.3292


 96.5518, 0.3157,
0.3288


 76.2122, 0.2300,
0.3292

 96.5550, 0.3157,
0.3287

 75.6053, 0.2268,
0.3293

 96.5581, 0.3157,
0.3287

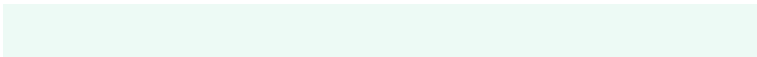
 75.3091, 0.2252,
0.3293

 96.5613, 0.3156,
0.3286

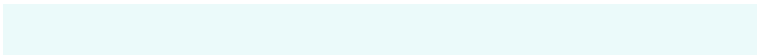
Harmonies

Analogous

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



92.9355, 0.3077, 0.3340



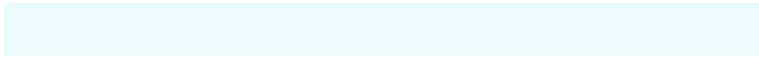
92.9355, 0.3034, 0.3290



92.9355, 0.3016, 0.3240

Triad

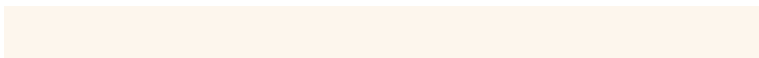
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9355, 0.3034, 0.3290



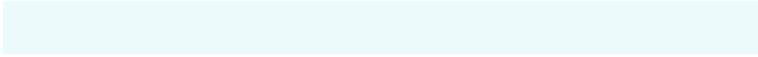
92.9355, 0.3120, 0.3205



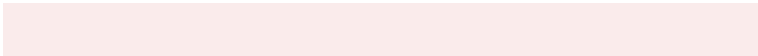
92.9355, 0.3228, 0.3376

Complementary

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



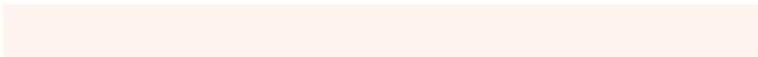
92.9355, 0.3034, 0.3290



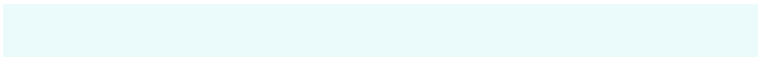
85.7574, 0.3228, 0.3290

Split Complementary

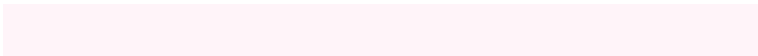
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9355, 0.3240, 0.3339



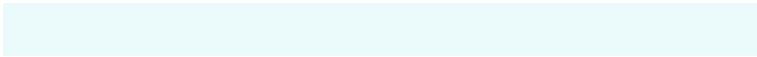
92.9355, 0.3034, 0.3290



92.9355, 0.3177, 0.3241

Square

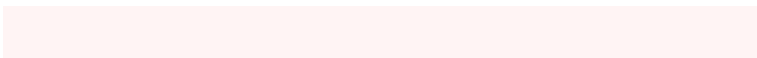
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.9355, 0.3034, 0.3290



92.9355, 0.3065, 0.3192



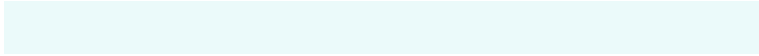
92.9355, 0.3221, 0.3289



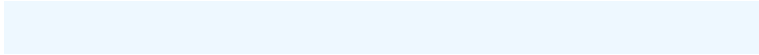
92.9355, 0.3189, 0.3390

Rectangle

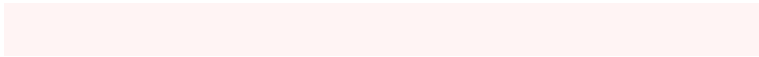
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



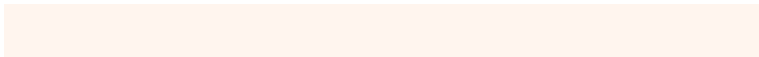
92.9355, 0.3034, 0.3290



92.9355, 0.3020, 0.3214



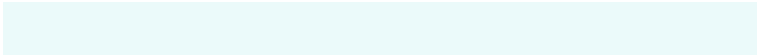
92.9355, 0.3221, 0.3289



92.9355, 0.3235, 0.3366

Sweetspot

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



92.9394, 0.3034, 0.3290



99.0449, 0.3096, 0.3290



92.0813, 0.3122, 0.3441



21.2097, 0.3097, 0.3290



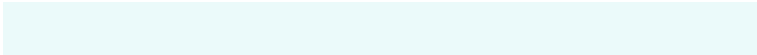
0.0000, 0.0000, 0.0000



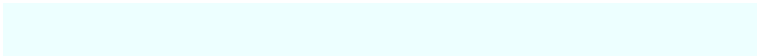
21.4041, 0.3127, 0.3290

Same Dimension

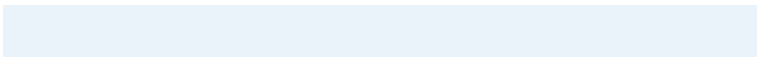
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9394, 0.3034, 0.3290



96.7680, 0.3018, 0.3290



88.5287, 0.3035, 0.3217



19.7752, 0.3009, 0.3290



39.9109, 0.2248, 0.3293



3.6966, 0.2248, 0.3293

Inverse Universe

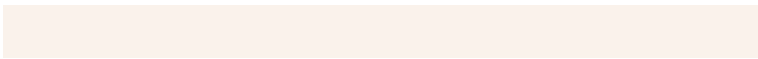
The Inverse Universe completely reimagines the original color for something new.



85.7574, 0.3228, 0.3290



88.0406, 0.3247, 0.3290



89.9858, 0.3222, 0.3362



17.8444, 0.3258, 0.3290



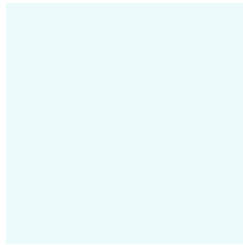
10.7813, 0.6399, 0.3299



0.9987, 0.6393, 0.3296

Previews

White Background



This preview shows how the Yxy color 92.9355, 0.3034, 0.3290 looks on a white background.

Color Contrast Check

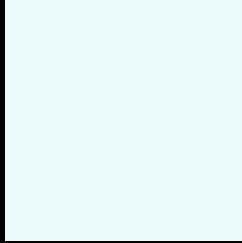
Large Text (above 18pt) WCAG AA × Fail

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 92.9355, 0.3034, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

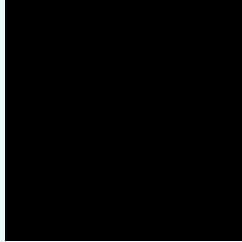
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

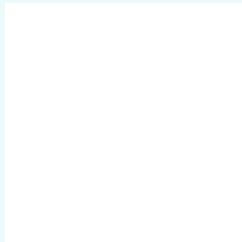
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9355, 0.3034, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 92.9355, 0.3034, 0.3290.

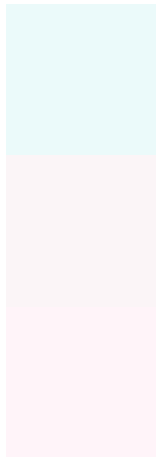


This preview shows how white text looks on a background with the Yxy color 92.9355, 0.3034, 0.3290.

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

92.9355, 0.3034, 0.3290

Protanopia

92.5294, 0.3154, 0.3271

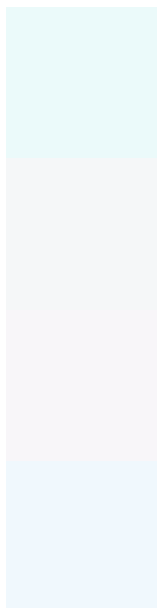
Deuteranopia

92.8009, 0.3168, 0.3242

Tritanopia

92.7962, 0.3055, 0.3212

Trichromacy



Original Color

92.9355, 0.3034, 0.3290

Protanomaly

92.7113, 0.3109, 0.3280

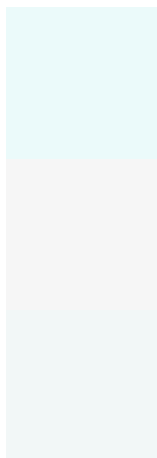
Deuteranomaly

92.7075, 0.3122, 0.3261

Tritanomaly

92.7519, 0.3048, 0.3241

Monochromacy



Original Color

92.9355, 0.3034, 0.3290

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1142, 0.3095, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9355, 0.3034, 0.3290 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(235, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 250)  
}
```

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(235, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 250) }
```

Border

The CSS property to change the border of an element to Yxy 92.9355, 0.3034, 0.3290 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(235, 250, 250) }
```

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

```
.border{ border-color:rgb(235, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9355, 0.3034, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 250) }
```

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

```
.background{ background-color: rgb(235,  
250, 250) }
```

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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