

Converting Colors

$Yxy(95.0276, 0.3057, 0.3325)$

Have a look what the booklet for
Yxy(95.0276, 0.3057, 0.3325)
contains.

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Color

Yxy(95.2673, 0.3057, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	EEFDF9
RGB	238, 253, 249
RGB Percent	93%, 99%, 98%
CMY	0.0667, 0.0078, 0.0234
CMYK	0.06, 0.00, 0.02, 0.01
HSL	164°, 79%, 96%
HSV	164°, 6%, 99%
XYZ	87.4834, 95.2673, 103.4233
YIQ	248.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

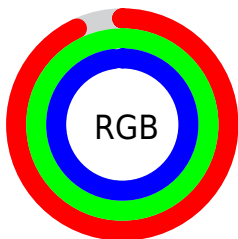
Format	Color
R _Y B	238, 247, 253
Decimal	15662585
CIE Lab	98.14, -5.62, 0.19
CIE LCh	98, 5.619, 178.020
Yxy	95.2673, 0.3057, 0.3329
Android (android.graphics.Color)	4293852665 (0xFFEEFDF9)
YUV	248.0590, 0.4639, -8.8217
Hunter-Lab	97.6050, -10.8191, 5.4992

Details

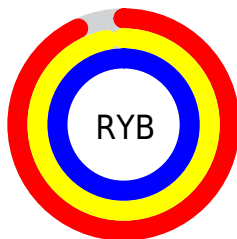
The Yxy color 95.2673, 0.3057, 0.3329 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4328, 0.3202, 0.3251, and the grayscale version is 93.9230, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2752, 0.3039, 0.3328 is the 20% darker color. If you saturate the color by 10%, you get 90.7851, 0.2942, 0.3400, and if you desaturate by 10%, it is 98.7354, 0.3128, 0.3271.

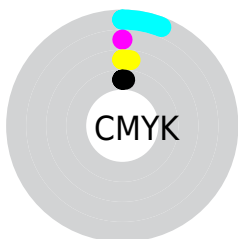
Distribution



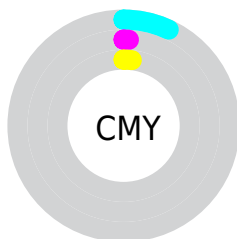
- Red (93%)
- Green (99%)
- Blue (98%)



- Red (93%)
- Yellow (97%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2673, 0.3057, 0.3329 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 95.2673, 0.3057, 0.3329 by changing the saturation by 10% instead.

 95.2673, 0.3057,
0.3329

 95.2673, 0.3057,
0.3329


545.0204, 0.3088,
0.3312

 72.3575, 0.3050,
0.3333


154.6338, 0.3067,
0.3323

 53.4507, 0.3042,
0.3337


191.8593, 0.3072,
0.3321

 38.1627, 0.3032,
0.3343


234.6255, 0.3075,
0.3319

 26.1090, 0.3019,
0.3350

283.3168, 0.3078,
0.3317

 16.9052, 0.3002,
0.3359

338.3175, 0.3081,
0.3316

 10.1669, 0.2979,
0.3372

400.0120, 0.3084,

 5.5098, 0.2946,

0.3314

0.3391

468.7849, 0.3086,
0.3313

■ 2.5494, 0.2893,
0.3420

■ 0.9013, 0.2780,
0.3482

■ 95.2673, 0.3057,
0.3329

■ 95.2673, 0.3057,
0.3329


■ 90.7851, 0.2942,
0.3400

98.7354, 0.3128,
0.3271


■ 86.9034, 0.2834,
0.3479


■ 83.5989, 0.2736,
0.3563


■ 80.8419, 0.2650,
0.3654

 78.6001, 0.2579,
0.3749

 76.8378, 0.2527,
0.3848

 75.5145, 0.2495,
0.3948

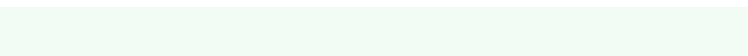
 74.5830, 0.2483,
0.4049

 73.9846, 0.2490,
0.4149

Harmonies

Analogous

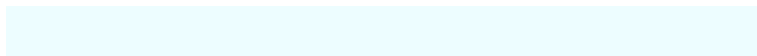
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2673, 0.3115, 0.3375



95.2673, 0.3057, 0.3329



95.2673, 0.3018, 0.3273

Triad

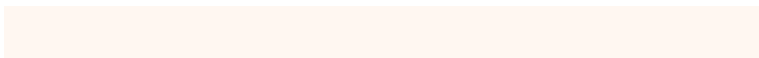
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.2673, 0.3057, 0.3329



95.2673, 0.3077, 0.3186



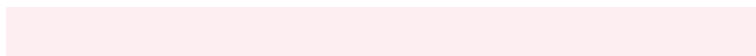
95.2673, 0.3248, 0.3356

Complementary

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



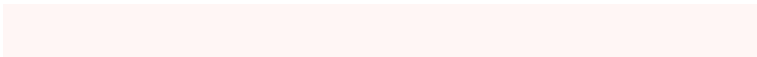
95.2673, 0.3057, 0.3329



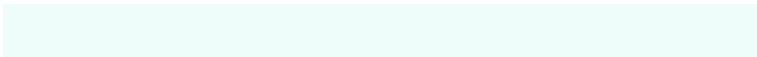
88.4328, 0.3202, 0.3251

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.



95.2673, 0.3238, 0.3306



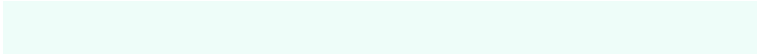
95.2673, 0.3057, 0.3329



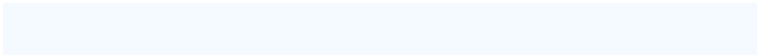
95.2673, 0.3138, 0.3208

Square

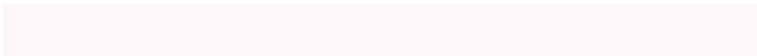
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.2673, 0.3057, 0.3329



95.2673, 0.3029, 0.3191



95.2673, 0.3198, 0.3252



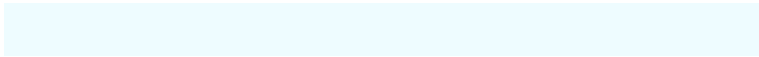
95.2673, 0.3226, 0.3390

Rectangle

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



95.2673, 0.3057, 0.3329



95.2673, 0.3007, 0.3238



95.2673, 0.3198, 0.3252



95.2673, 0.3249, 0.3341

Sweetspot

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



95.2713, 0.3057, 0.3329



98.9589, 0.3103, 0.3303



95.3032, 0.3145, 0.3439



21.1922, 0.3105, 0.3302



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

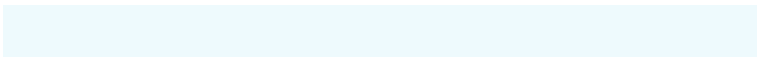
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2713, 0.3057, 0.3329



96.4697, 0.3045, 0.3336



93.3292, 0.3035, 0.3255



20.5865, 0.3038, 0.3340



39.2823, 0.2492, 0.4173



3.8429, 0.2461, 0.4059

Inverse Universe

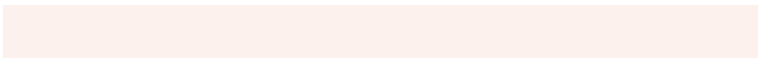
The Inverse Universe completely reimagines the original color for something new.



88.4328, 0.3202, 0.3251



88.3186, 0.3217, 0.3244



90.2574, 0.3225, 0.3325



18.6992, 0.3225, 0.3240



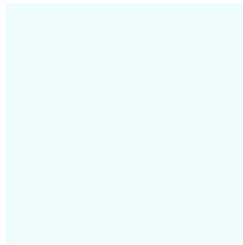
11.3446, 0.5888, 0.3018



1.1217, 0.5571, 0.2843

Previews

White Background



This preview shows how the Yxy color 95.2673, 0.3057, 0.3329 looks on a white background.

Color Contrast Check

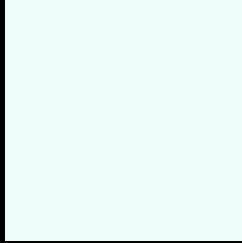
Large Text (above 18pt) WCAG AA × Fail

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 95.2673, 0.3057, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

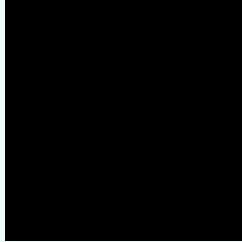
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

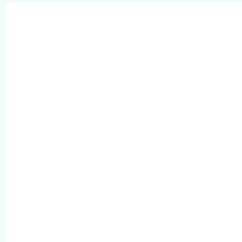
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.2673, 0.3057, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 95.2673, 0.3057, 0.3329.

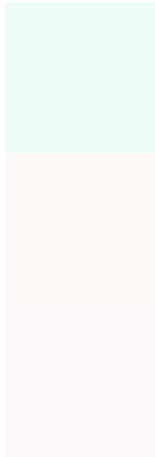


This preview shows how white text looks on a background with the Yxy color 95.2673, 0.3057, 0.3329.

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

95.2673, 0.3057, 0.3329

Protanopia

94.8595, 0.3177, 0.3309

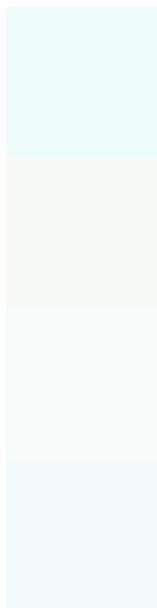
Deuteranopia

95.2969, 0.3160, 0.3271

Tritanopia

95.3654, 0.3079, 0.3242

Trichromacy



Original Color

95.2673, 0.3057, 0.3329

Protanomaly

95.0431, 0.3132, 0.3319

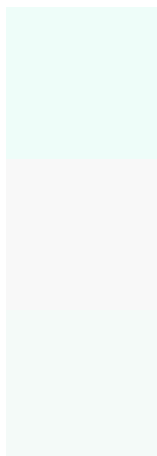
Deuteranomaly

95.4131, 0.3121, 0.3290

Tritanomaly

95.3193, 0.3072, 0.3270

Monochromacy



Original Color

95.2673, 0.3057, 0.3329

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3816, 0.3101, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2673, 0.3057, 0.3329 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, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(238, 253, 249)  
}
```

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, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 253, 249) }
```

Border

The CSS property to change the border of an element to Yxy 95.2673, 0.3057, 0.3329 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, 253, 249) }
```

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

```
.border{ border-color:rgb(238, 253, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 253, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 253, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 253, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 253,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2673, 0.3057, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 253, 249) }
```

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

```
.background{ background-color: rgb(238,  
253, 249) }
```

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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