

Converting Colors

$Yxy(92.9235, 0.3057, 0.3320)$

Have a look what the booklet for
Yxy(92.9235, 0.3057, 0.3320)
contains.

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Color

Yxy(92.9195, 0.3057, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	ECFAF7
RGB	236, 250, 247
RGB Percent	93%, 98%, 97%
CMY	0.0746, 0.0196, 0.0315
CMYK	0.06, 0.00, 0.01, 0.02
HSL	167°, 58%, 95%
HSV	167°, 6%, 98%
XYZ	85.5587, 92.9195, 101.3998
YIQ	245.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

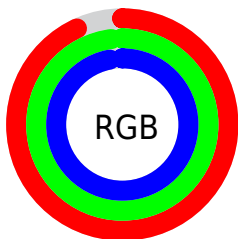
Format	Color
R _Y B	236, 244, 250
Decimal	15530743
CIE Lab	97.19, -5.13, -0.15
CIE LCh	97, 5.136, 181.622
Yxy	92.9195, 0.3057, 0.3320
Android (android.graphics.Color)	4293720823 (0xFFEFCFAF7)
YUV	245.4720, 0.7533, -8.3069
Hunter-Lab	96.3948, -10.2566, 5.1079

Details

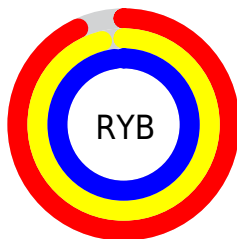
The Yxy color 92.9195, 0.3057, 0.3320 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.5420, 0.3202, 0.3260, and the grayscale version is 91.7083, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.0485, 0.3038, 0.3328 is the 20% darker color. If you saturate the color by 10%, you get 88.6102, 0.2936, 0.3378, and if you desaturate by 10%, it is 96.6923, 0.3145, 0.3267.

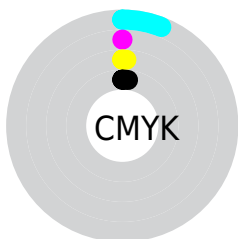
Distribution



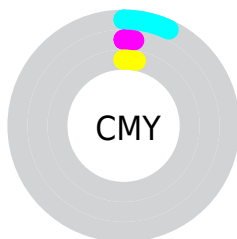
- Red (93%)
- Green (98%)
- Blue (97%)



- Red (93%)
- Yellow (96%)
- Blue (98%)



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





- Cyan (7%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.9195, 0.3057, 0.3320 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 92.9195, 0.3057, 0.3320 by changing the saturation by 10% instead.

 92.9195, 0.3057,
0.3320

 92.9195, 0.3057,
0.3320

537.4828, 0.3088,
0.3307

 70.4046, 0.3050,
0.3323

151.3872, 0.3068,
0.3316

 51.8564, 0.3042,
0.3326


188.1087, 0.3072,
0.3314

 36.8907, 0.3032,
0.3331

230.3346, 0.3075,
0.3312

 25.1228, 0.3019,
0.3336

278.4492, 0.3079,
0.3311

 16.1686, 0.3002,
0.3343

332.8369, 0.3081,
0.3310

 9.6435, 0.2978,
0.3353

393.8822, 0.3084,

 5.1633, 0.2944,

0.3309

0.3368

461.9693, 0.3086,
0.3308

■ 2.3434, 0.2888,
0.3391

■ 0.7965, 0.2740,
0.3455

■ 92.9195, 0.3057,
0.3320

■ 92.9195, 0.3057,
0.3320

■ 88.6102, 0.2936,
0.3378

■ 96.6923, 0.3145,
0.3267

■ 84.8808, 0.2822,
0.3441

■ 96.8593, 0.3129,
0.3243

■ 81.7087, 0.2718,
0.3510

■ 79.0654, 0.2627,
0.3582

■ 76.9195, 0.2552,
0.3659

■ 75.2366, 0.2495,
0.3738

■ 73.9777, 0.2458,
0.3818

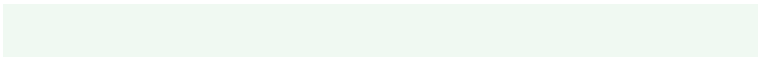
■ 73.0972, 0.2442,
0.3899

■ 72.5387, 0.2444,
0.3979

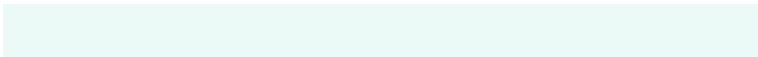
Harmonies

Analogous

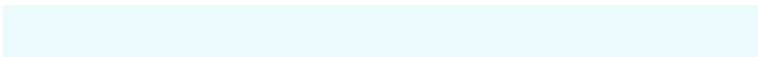
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9195, 0.3109, 0.3364



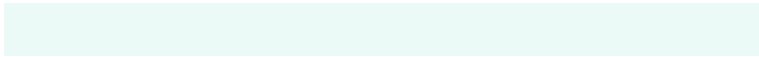
92.9195, 0.3057, 0.3320



92.9195, 0.3024, 0.3268

Triad

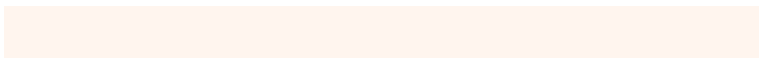
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9195, 0.3057, 0.3320



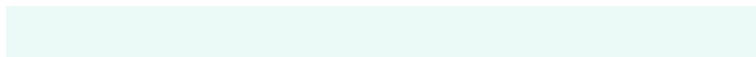
92.9195, 0.3087, 0.3195



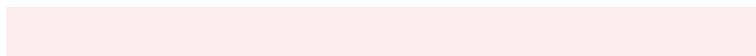
92.9195, 0.3238, 0.3356

Complementary

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



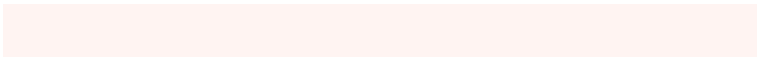
92.9195, 0.3057, 0.3320



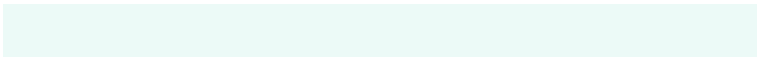
86.5420, 0.3202, 0.3260

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.



92.9195, 0.3232, 0.3311



92.9195, 0.3057, 0.3320



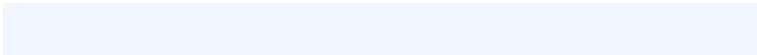
92.9195, 0.3145, 0.3218

Square

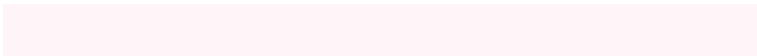
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.9195, 0.3057, 0.3320



92.9195, 0.3041, 0.3197



92.9195, 0.3198, 0.3260



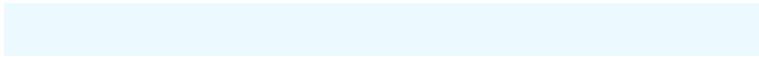
92.9195, 0.3214, 0.3384

Rectangle

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



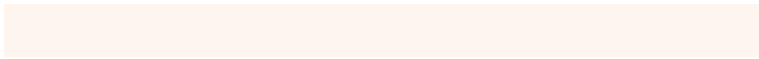
92.9195, 0.3057, 0.3320



92.9195, 0.3016, 0.3237



92.9195, 0.3198, 0.3260



92.9195, 0.3239, 0.3342

Sweetspot

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



92.9234, 0.3057, 0.3320



98.9746, 0.3102, 0.3301



92.7895, 0.3140, 0.3430



21.1954, 0.3103, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

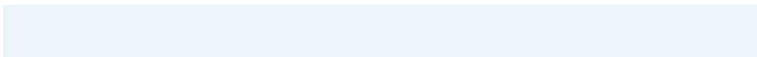
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9234, 0.3057, 0.3320



96.5239, 0.3040, 0.3328



90.6681, 0.3040, 0.3250



19.7210, 0.3032, 0.3331



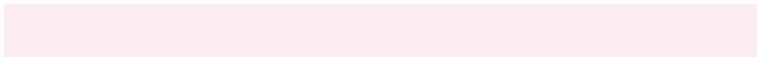
38.3991, 0.2445, 0.4000



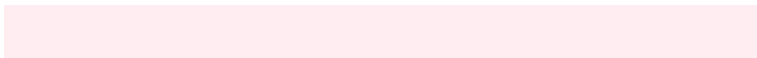
3.5718, 0.2418, 0.3905

Inverse Universe

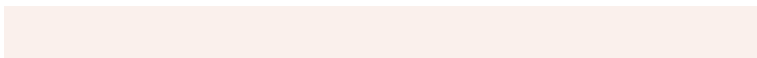
The Inverse Universe completely reimagines the original color for something new.



86.5420, 0.3202, 0.3260



88.2671, 0.3222, 0.3253



88.6780, 0.3218, 0.3330



17.8943, 0.3231, 0.3249



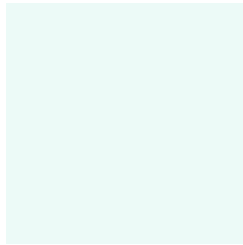
10.9397, 0.6033, 0.3097



1.0282, 0.5711, 0.2920

Previews

White Background



This preview shows how the Yxy color 92.9195, 0.3057, 0.3320 looks on a white background.

Color Contrast Check

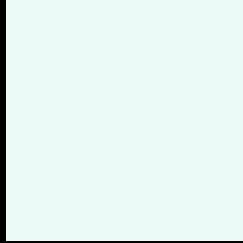
Large Text (above 18pt) WCAG AA × Fail

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 92.9195, 0.3057, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

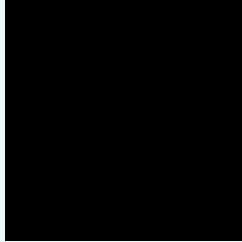
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

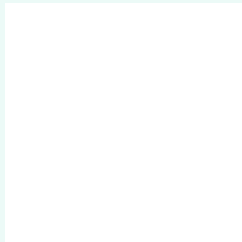
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9195, 0.3057, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 92.9195, 0.3057, 0.3320.

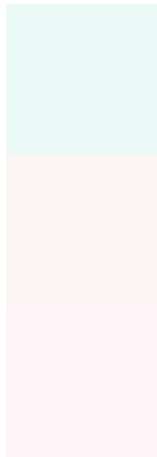


This preview shows how white text looks on a background with the Yxy color 92.9195, 0.3057, 0.3320.

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

92.9195, 0.3057, 0.3320

Protanopia

92.9524, 0.3171, 0.3310

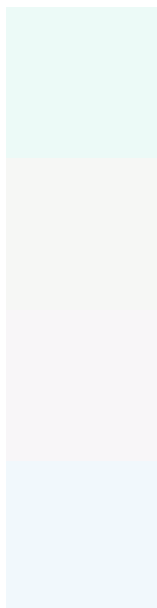
Deuteranopia

92.7387, 0.3174, 0.3252

Tritanopia

92.9746, 0.3061, 0.3212

Trichromacy



Original Color

92.9195, 0.3057, 0.3320

Protanomaly

92.7069, 0.3133, 0.3310

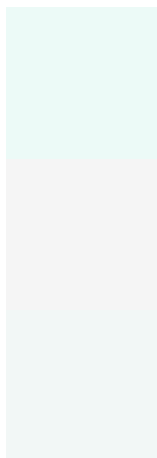
Deuteranomaly

92.6453, 0.3128, 0.3271

Tritanomaly

92.8639, 0.3060, 0.3251

Monochromacy



Original Color

92.9195, 0.3057, 0.3320

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.0526, 0.3101, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9195, 0.3057, 0.3320 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(236, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 247)  
}
```

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(236, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 247) }
```

Border

The CSS property to change the border of an element to Yxy 92.9195, 0.3057, 0.3320 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(236, 250, 247) }
```

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

```
.border{ border-color:rgb(236, 250, 247) }
```

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

Here you see how a box with a 4 pixel rgb(236, 250, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9195, 0.3057, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 247) }
```

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

```
.background{ background-color: rgb(236,  
250, 247) }
```

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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