

Converting Colors

Yxy(92.1768, 0.3069, 0.3330)

Have a look what the booklet for
Yxy(92.1768, 0.3069, 0.3330)
contains.

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Color

Yxy(92.1768, 0.3069, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	ECF9F5
RGB	236, 249, 245
RGB Percent	93%, 98%, 96%
CMY	0.0744, 0.0235, 0.0393
CMYK	0.05, 0.00, 0.02, 0.02
HSL	161°, 52%, 95%
HSV	161°, 5%, 98%
XYZ	84.9521, 92.1768, 99.6783
YIQ	244.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

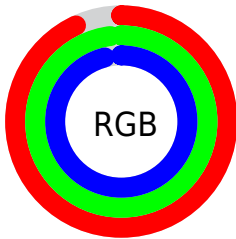
Format	Color
R _Y B	236, 244, 249
Decimal	15530485
CIE Lab	96.89, -4.97, 0.44
CIE LCh	97, 4.994, 174.889
Yxy	92.1768, 0.3069, 0.3330
Android (android.graphics.Color)	4293720565 (0xFFE9CF9F5)
YUV	244.6570, 0.1691, -7.5922
Hunter-Lab	96.0087, -10.0718, 5.6500

Details

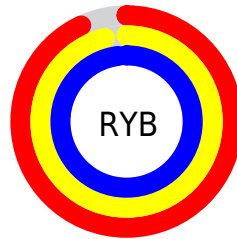
The Yxy color 92.1768, 0.3069, 0.3330 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.4413, 0.3189, 0.3250, and the grayscale version is 91.0277, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5173, 0.3053, 0.3341 is the 20% darker color. If you saturate the color by 10%, you get 87.7486, 0.2960, 0.3413, and if you desaturate by 10%, it is 96.0851, 0.3143, 0.3255.

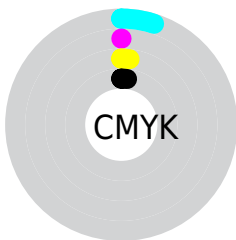
Distribution



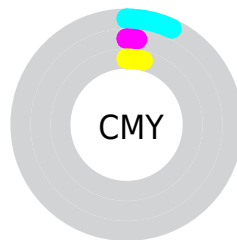
- Red (93%)
- Green (98%)
- Blue (96%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1768, 0.3069, 0.3330 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 92.1768, 0.3069, 0.3330 by changing the saturation by 10% instead.


 92.1768, 0.3069,
0.3330

 92.1768, 0.3069,
0.3330

535.0867, 0.3095,
0.3312

 69.7875, 0.3063,
0.3334


150.3584, 0.3078,
0.3324

 51.3533, 0.3056,
0.3339


186.9195, 0.3081,
0.3322

 36.4899, 0.3048,
0.3344


228.9733, 0.3084,
0.3320

 24.8128, 0.3037,
0.3352

276.9042, 0.3087,
0.3318

 15.9376, 0.3023,
0.3362

331.0966, 0.3089,
0.3316

 9.4800, 0.3003,
0.3375

391.9349, 0.3091,

 5.0556, 0.2974,

0.3315

459.8035, 0.3093,
0.3313

0.3395

■ 2.2799, 0.2927,
0.3428

■ 0.7630, 0.2787,
0.3522

■ 92.1768, 0.3069,
0.3330

■ 92.1768, 0.3069,
0.3330

■ 87.7486, 0.2960,
0.3413

■ 96.0851, 0.3143,
0.3255

■ 83.9057, 0.2857,
0.3505

■ 96.2322, 0.3130,
0.3233

■ 80.6256, 0.2763,
0.3604

■ 77.8801, 0.2680,
0.3711

■ 75.6380, 0.2613,
0.3824

■ 73.8652, 0.2563,
0.3941

■ 72.5231, 0.2533,
0.4061

■ 71.5668, 0.2523,
0.4181

■ 70.9409, 0.2534,
0.4299

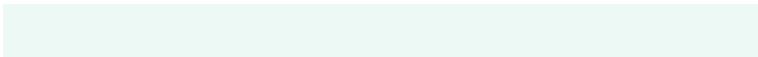
Harmonies

Analogous

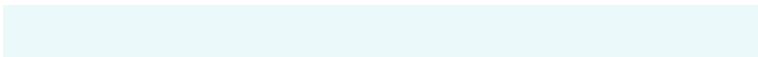
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1768, 0.3122, 0.3369



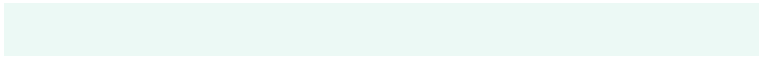
92.1768, 0.3069, 0.3330



92.1768, 0.3031, 0.3280

Triad

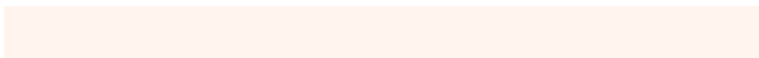
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1768, 0.3069, 0.3330



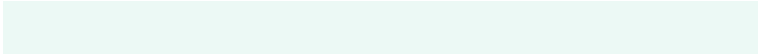
92.1768, 0.3077, 0.3195



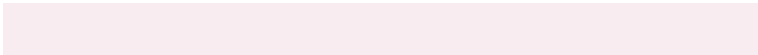
92.1768, 0.3236, 0.3345

Complementary

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



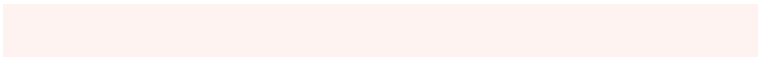
92.1768, 0.3069, 0.3330



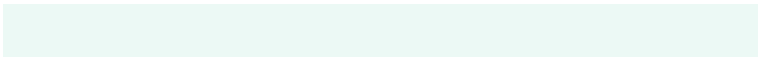
86.4413, 0.3189, 0.3250

Split Complementary

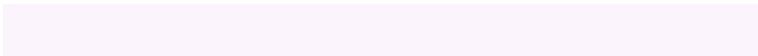
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1768, 0.3224, 0.3299



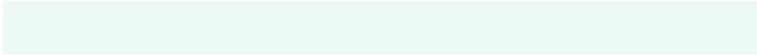
92.1768, 0.3069, 0.3330



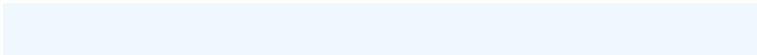
92.1768, 0.3131, 0.3213

Square

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



92.1768, 0.3069, 0.3330



92.1768, 0.3036, 0.3203



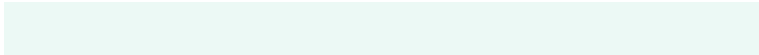
92.1768, 0.3185, 0.3251



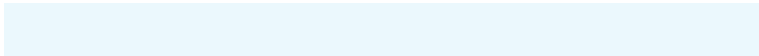
92.1768, 0.3219, 0.3378

Rectangle

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



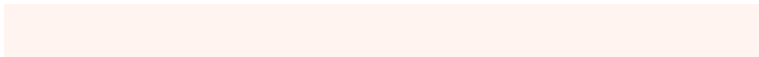
92.1768, 0.3069, 0.3330



92.1768, 0.3020, 0.3248



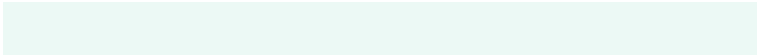
92.1768, 0.3185, 0.3251



92.1768, 0.3236, 0.3331

Sweetspot

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



92.1807, 0.3069, 0.3330



98.9440, 0.3105, 0.3305



92.3590, 0.3147, 0.3420



21.1891, 0.3106, 0.3304



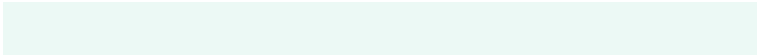
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

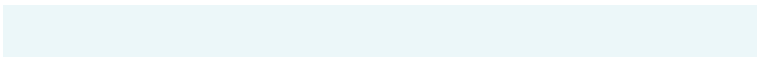
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1807, 0.3069, 0.3330



96.9106, 0.3060, 0.3336



90.9683, 0.3046, 0.3266



19.7925, 0.3053, 0.3341



37.8812, 0.2538, 0.4336



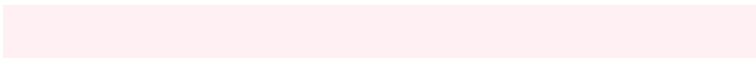
3.5275, 0.2499, 0.4195

Inverse Universe

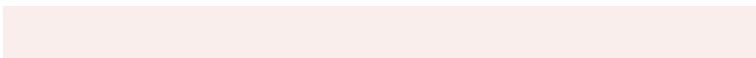
The Inverse Universe completely reimagines the original color for something new.



86.4413, 0.3189, 0.3250



89.9627, 0.3199, 0.3244



87.5835, 0.3212, 0.3314



18.2239, 0.3207, 0.3239



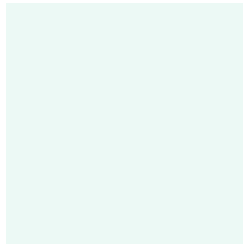
11.0919, 0.5729, 0.2930



1.0455, 0.5393, 0.2744

Previews

White Background



This preview shows how the Yxy color 92.1768, 0.3069, 0.3330 looks on a white background.

Color Contrast Check

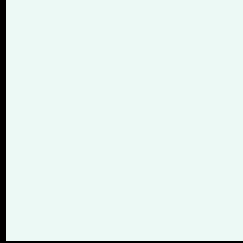
Large Text (above 18pt) WCAG AA × Fail

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 92.1768, 0.3069, 0.3330 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

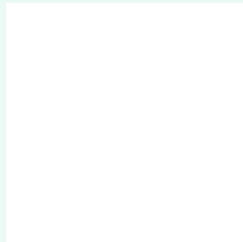
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1768, 0.3069, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 92.1768, 0.3069, 0.3330.

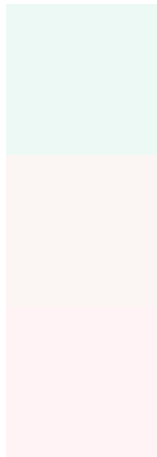


This preview shows how white text looks on a background with the Yxy color 92.1768, 0.3069, 0.3330.

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

92.1768, 0.3069, 0.3330

Protanopia

92.2851, 0.3178, 0.3310

Deuteranopia

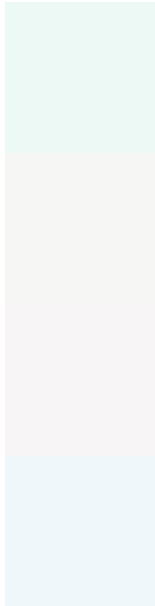
92.0150, 0.3187, 0.3261



Tritanopia

92.1862, 0.3055, 0.3202

Trichromacy



Original Color

92.1768, 0.3069, 0.3330

Protanomaly

92.0360, 0.3139, 0.3310

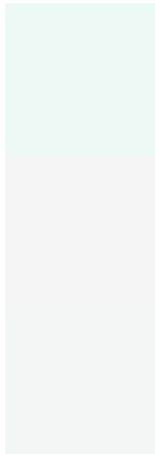
Deuteranomaly

91.9151, 0.3140, 0.3280

Tritanomaly

92.0118, 0.3059, 0.3250

Monochromacy



Original Color

92.1768, 0.3069, 0.3330

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3814, 0.3108, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1768, 0.3069, 0.3330 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, 249, 245)` looks like.

```
.text, #text, p{  
    color:rgb(236, 249, 245)  
}
```

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, 249, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 249, 245) }
```

Border

The CSS property to change the border of an element to Yxy 92.1768, 0.3069, 0.3330 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, 249, 245) }
```

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

```
.border{ border-color:rgb(236, 249, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 249, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 249, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 249, 245); box-shadow:4px 4px 4px 4px rgb(236, 249, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1768, 0.3069, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 249, 245) }
```

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

```
.background{ background-color: rgb(236,  
249, 245) }
```

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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