

Converting Colors

$Yxy(90.7894, 0.2996, 0.3315)$

Have a look what the booklet for
Yxy(90.7894, 0.2996, 0.3315)
contains.

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Color

Yxy(90.6355, 0.2996, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	E2F9F7
RGB	226, 249, 247
RGB Percent	89%, 98%, 97%
CMY	0.1135, 0.0236, 0.0314
CMYK	0.09, 0.00, 0.01, 0.02
HSL	175°, 66%, 93%
HSV	175°, 9%, 98%
XYZ	82.0374, 90.6355, 101.1503
YIQ	241.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

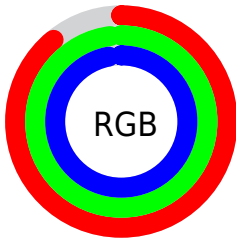
Format	Color
R _Y B	226, 238, 249
Decimal	14875127
CIE Lab	96.26, -7.82, -1.60
CIE LCh	96, 7.980, 191.547
Yxy	90.6355, 0.2996, 0.3310
Android (android.graphics.Color)	4293065207 (0xFFE2F9F7)
YUV	241.8950, 2.5168, -13.9399
Hunter-Lab	95.2027, -12.7888, 3.6478

Details

The Yxy color **90.6355, 0.2996, 0.3310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.1648, 0.3275, 0.3270**, and the grayscale version is **88.7010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5594, 0.2969, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **86.7668, 0.2861, 0.3334**, and if you desaturate by 10%, it is **95.0980, 0.3139, 0.3288**.

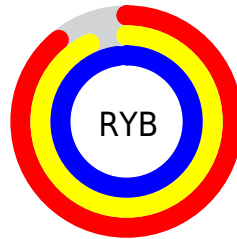
Distribution



Red (89%)

Green (98%)

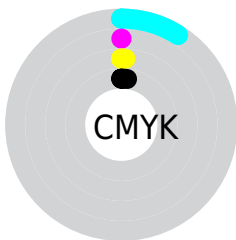
Blue (97%)



Red (89%)

Yellow (93%)

Blue (98%)

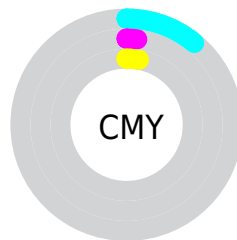


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (2%)



Cyan (11%)


Magenta (2%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.6355, 0.2996, 0.3310 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 90.6355, 0.2996, 0.3310 by changing the saturation by 10% instead.


 90.6355, 0.2996,
0.3310

 90.6355, 0.2996,
0.3310

530.0959, 0.3054,
0.3301

 68.5078, 0.2983,
0.3312


148.2208, 0.3016,
0.3307

 50.3110, 0.2968,
0.3314


184.4473, 0.3024,
0.3306

 35.6606, 0.2948,
0.3317


226.1421, 0.3030,
0.3305

 24.1722, 0.2924,
0.3320

273.6897, 0.3036,
0.3304

 15.4614, 0.2892,
0.3325

327.4745, 0.3042,
0.3303

 9.1438, 0.2847,
0.3330

387.8809, 0.3046,

 4.8351, 0.2782,

0.3303

0.3339

455.2932, 0.3050,
0.3302

■ 2.1508, 0.2677,
0.3351

■ 0.6930, 0.2308,
0.3419

■ 90.6355, 0.2996,
0.3310

■ 90.6355, 0.2996,
0.3310

■ 86.7668, 0.2861,
0.3334

■ 95.0980, 0.3139,
0.3288

■ 83.4553, 0.2735,
0.3359

■ 95.9950, 0.3151,
0.3268

■ 80.6779, 0.2623,
0.3387

■ 96.1338, 0.3138,
0.3247

■ 78.4056, 0.2527,
0.3415

■ 96.2278, 0.3130,
0.3233

■ 76.6064, 0.2449,
0.3445

■ 75.2449, 0.2390,
0.3475

■ 74.2803, 0.2350,
0.3505

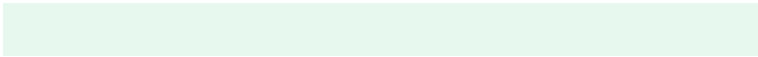
■ 73.6646, 0.2329,
0.3535

■ 73.3246, 0.2324,
0.3565

Harmonies

Analogous

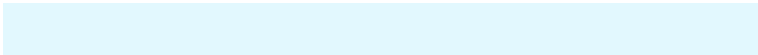
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6355, 0.3070, 0.3386



90.6355, 0.2996, 0.3310



90.6355, 0.2957, 0.3230

Triad

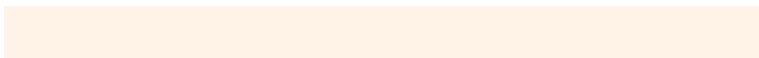
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.6355, 0.2996, 0.3310



90.6355, 0.3093, 0.3150



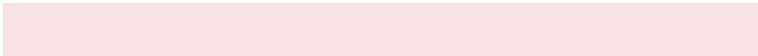
90.6355, 0.3293, 0.3411

Complementary

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



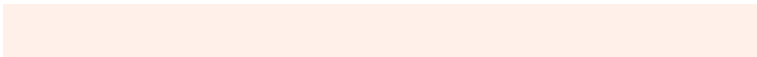
90.6355, 0.2996, 0.3310



80.1648, 0.3275, 0.3270

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.



90.6355, 0.3300, 0.3347



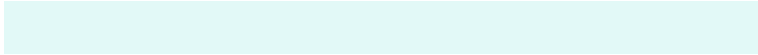
90.6355, 0.2996, 0.3310



90.6355, 0.3184, 0.3197

Square

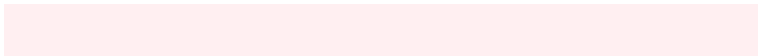
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.6355, 0.2996, 0.3310



90.6355, 0.3013, 0.3139



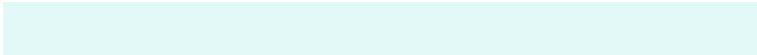
90.6355, 0.3260, 0.3269



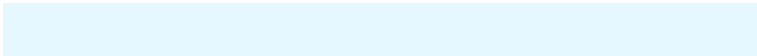
90.6355, 0.3242, 0.3444

Rectangle

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



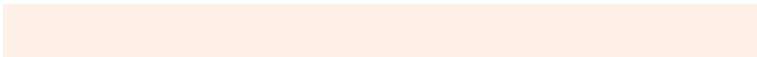
90.6355, 0.2996, 0.3310



90.6355, 0.2956, 0.3185



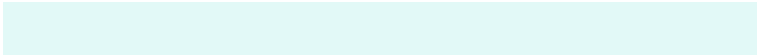
90.6355, 0.3260, 0.3269



90.6355, 0.3301, 0.3392

Sweetspot

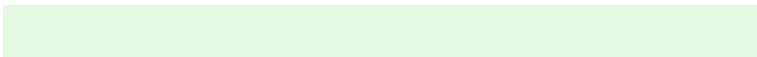
The Sweet Spot groups the original color and five complimentary colors.



90.6393, 0.2996, 0.3310



98.5347, 0.3084, 0.3296



89.7924, 0.3131, 0.3526



21.0087, 0.3072, 0.3298



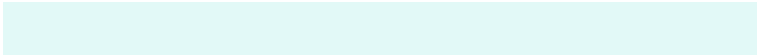
0.0000, 0.0000, 0.0000



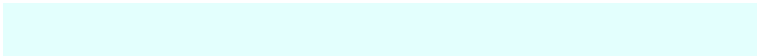
21.4041, 0.3127, 0.3290

Same Dimension

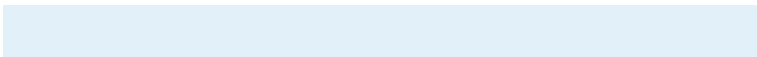
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6393, 0.2996, 0.3310



94.9053, 0.2971, 0.3314



85.2291, 0.2984, 0.3196



19.5808, 0.2992, 0.3311



39.2505, 0.2323, 0.3563



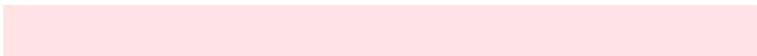
3.6428, 0.2313, 0.3527

Inverse Universe

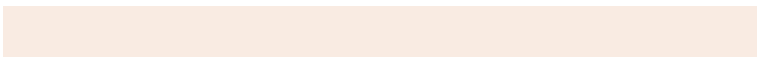
The Inverse Universe completely reimagines the original color for something new.



80.1648, 0.3275, 0.3270



81.8509, 0.3308, 0.3266



85.1804, 0.3279, 0.3382



17.2499, 0.3280, 0.3270



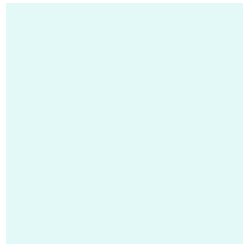
10.8196, 0.6305, 0.3247



1.0102, 0.6103, 0.3135

Previews

White Background



This preview shows how the Yxy color 90.6355, 0.2996, 0.3310 looks on a white background.

Color Contrast Check

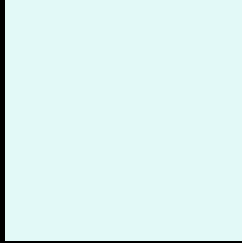
Large Text (above 18pt) WCAG AA × Fail

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 90.6355, 0.2996, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

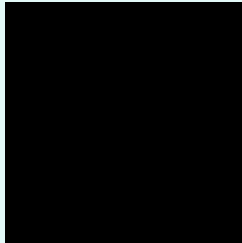
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

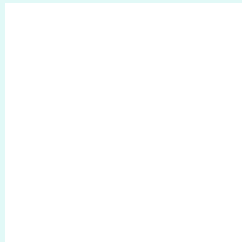
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.6355, 0.2996, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 90.6355, 0.2996, 0.3310.

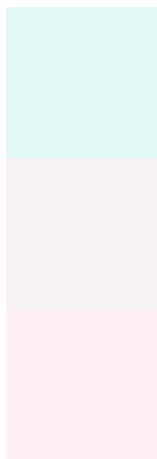


This preview shows how white text looks on a background with the Yxy color 90.6355, 0.2996, 0.3310.

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

90.6355, 0.2996, 0.3310

Protanopia

90.5287, 0.3160, 0.3290

Deuteranopia

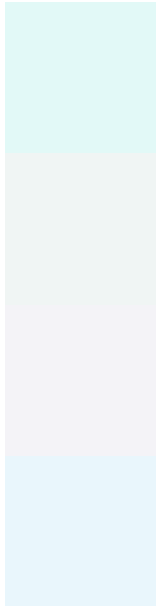
90.2956, 0.3183, 0.3222



Tritanopia

90.5293, 0.3018, 0.3191

Trichromacy



Original Color

90.6355, 0.2996, 0.3310

Protanomaly

90.3617, 0.3101, 0.3300

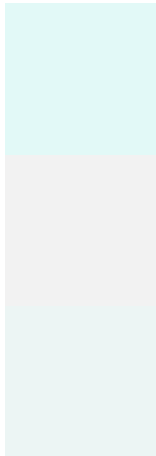
Deuteranomaly

90.0497, 0.3110, 0.3250

Tritanomaly

90.2634, 0.3010, 0.3230

Monochromacy



Original Color

90.6355, 0.2996, 0.3310

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.6693, 0.3076, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6355, 0.2996, 0.3310 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(226, 249, 247)` looks like.

```
.text, #text, p{  
    color:rgb(226, 249, 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(226, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 249, 247) }
```

Border

The CSS property to change the border of an element to Yxy 90.6355, 0.2996, 0.3310 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(226, 249, 247) }
```

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

```
.border{ border-color:rgb(226, 249, 247) }
```

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

Here you see how a box with a 4 pixel rgb(226, 249, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(226, 249,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6355, 0.2996, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 249, 247) }
```

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

```
.background{ background-color: rgb(226,  
249, 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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