

Converting Colors

$Yxy(89.6011, 0.3058, 0.3349)$

Have a look what the booklet for
Yxy(89.6011, 0.3058, 0.3349)
contains.

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Color

Yxy(89.6954, 0.3055, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	E6F7F1
RGB	230, 247, 241
RGB Percent	90%, 97%, 95%
CMY	0.0980, 0.0314, 0.0550
CMYK	0.07, 0.00, 0.02, 0.03
HSL	159°, 51%, 94%
HSV	159°, 7%, 97%
XYZ	81.7724, 89.6954, 96.1997
YIQ	241.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

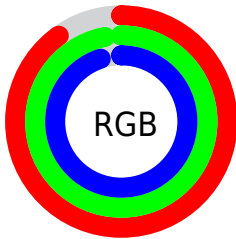
Format	Color
RYB	230, 240, 247
Decimal	15136753
CIELab	95.87, -6.65, 0.97
CIELCh	96, 6.723, 171.720
Yxy	89.6954, 0.3055, 0.3351
Android (android.graphics.Color)	4293326833 (0xFFE6F7F1)
YUV	241.2330, -0.1149, -9.8513
Hunter-Lab	94.7077, -11.6180, 6.0713

Details

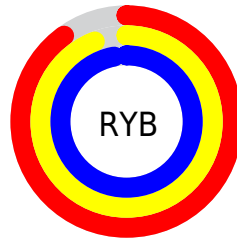
The Yxy color **89.6954, 0.3055, 0.3351** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4396, 0.3205, 0.3230**, and the grayscale version is **88.1655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7631, 0.3035, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **85.3859, 0.2953, 0.3448**, and if you desaturate by 10%, it is **94.6167, 0.3160, 0.3264**.

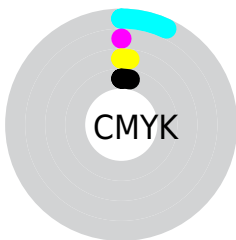
Distribution



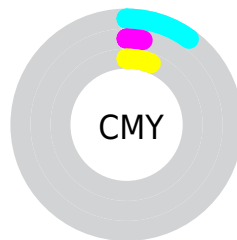
- Red (90%)
- Green (97%)
- Blue (95%)



- Red (90%)
- Yellow (94%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)





- Cyan (10%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.6954, 0.3055, 0.3351 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 89.6954, 0.3055, 0.3351 by changing the saturation by 10% instead.


 89.6954, 0.3055,
0.3351

 89.6954, 0.3055,
0.3351


527.0395, 0.3087,
0.3324

 67.7280, 0.3048,
0.3357


146.9152, 0.3066,
0.3342

 49.6765, 0.3039,
0.3364


182.9365, 0.3070,
0.3338

 35.1564, 0.3028,
0.3373


224.4111, 0.3074,
0.3335

 23.7834, 0.3015,
0.3385

271.7236, 0.3077,
0.3332

 15.1730, 0.2996,
0.3401

325.2583, 0.3080,
0.3330

 8.9409, 0.2971,
0.3422

385.3996, 0.3083,

 4.7027, 0.2933,

0.3328

0.3454

452.5318, 0.3085,
0.3326

■ 2.0739, 0.2872,
0.3507

■ 0.6499, 0.2609,
0.3724

■ 89.6954, 0.3055,
0.3351

■ 89.6954, 0.3055,
0.3351

■ 85.3859, 0.2953,
0.3448

■ 94.6167, 0.3160,
0.3264

■ 81.6524, 0.2856,
0.3555

■ 95.0033, 0.3131,
0.3214

■ 78.4722, 0.2769,
0.3671

■ 75.8171, 0.2693,
0.3796

■ 73.6561, 0.2632,
0.3928

■ 71.9550, 0.2589,
0.4064

■ 70.6748, 0.2566,
0.4203

■ 69.7700, 0.2564,
0.4342

■ 69.1830, 0.2581,
0.4477

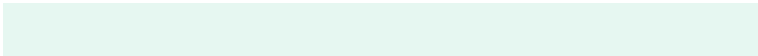
Harmonies

Analogous

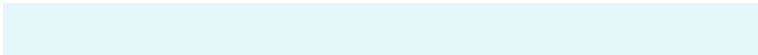
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6954, 0.3129, 0.3402



89.6954, 0.3055, 0.3351



89.6954, 0.3001, 0.3284

Triad

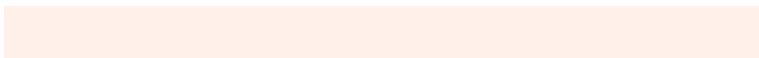
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.6954, 0.3055, 0.3351



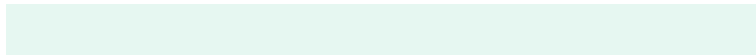
89.6954, 0.3051, 0.3161



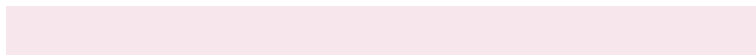
89.6954, 0.3276, 0.3359

Complementary

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



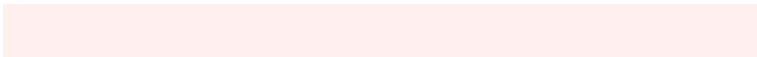
89.6954, 0.3055, 0.3351



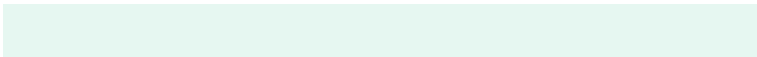
82.4396, 0.3205, 0.3230

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.



89.6954, 0.3255, 0.3295



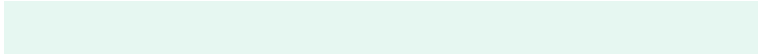
89.6954, 0.3055, 0.3351



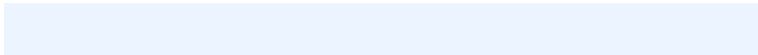
89.6954, 0.3125, 0.3182

Square

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



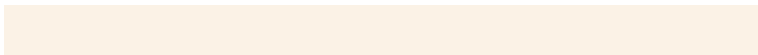
89.6954, 0.3055, 0.3351



89.6954, 0.2999, 0.3174



89.6954, 0.3199, 0.3230



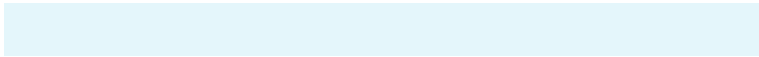
89.6954, 0.3257, 0.3406

Rectangle

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



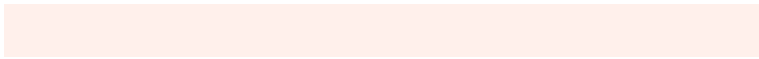
89.6954, 0.3055, 0.3351



89.6954, 0.2983, 0.3239



89.6954, 0.3199, 0.3230



89.6954, 0.3273, 0.3339

Sweetspot

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



89.6992, 0.3055, 0.3351



98.9294, 0.3106, 0.3307



90.1131, 0.3159, 0.3462



21.1862, 0.3107, 0.3306



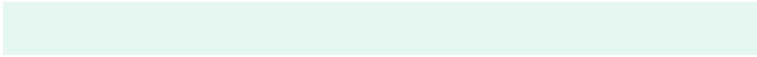
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

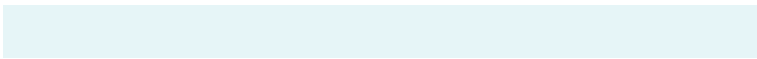
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6992, 0.3055, 0.3351



95.8763, 0.3043, 0.3362



88.6891, 0.3021, 0.3267



18.6521, 0.3028, 0.3375



36.5383, 0.2582, 0.4497



3.2309, 0.2535, 0.4327

Inverse Universe

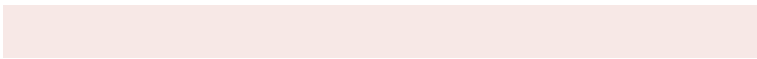
The Inverse Universe completely reimagines the original color for something new.



82.4396, 0.3205, 0.3230



86.8493, 0.3219, 0.3220



83.3635, 0.3242, 0.3313



16.5797, 0.3238, 0.3206



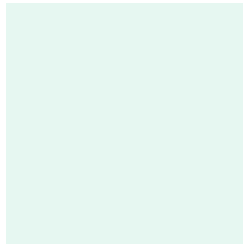
10.8524, 0.5559, 0.2836



0.9726, 0.5213, 0.2645

Previews

White Background



This preview shows how the Yxy color 89.6954, 0.3055, 0.3351 looks on a white background.

Color Contrast Check

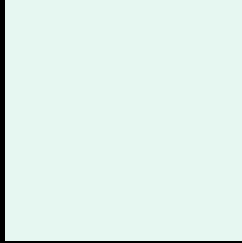
Large Text (above 18pt) WCAG AA × Fail

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 89.6954, 0.3055, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

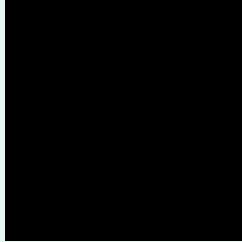
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

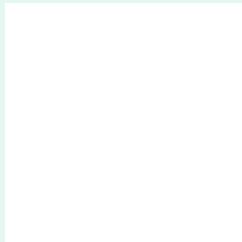
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.6954, 0.3055, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 89.6954, 0.3055, 0.3351.

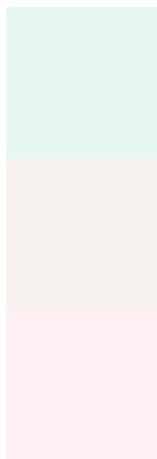


This preview shows how white text looks on a background with the Yxy color 89.6954, 0.3055, 0.3351.

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

89.6954, 0.3055, 0.3351

Protanopia

89.6338, 0.3191, 0.3330

Deuteranopia

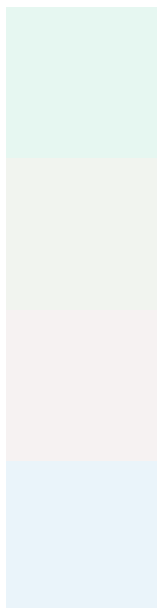
89.4641, 0.3208, 0.3251



Tritanopia

89.3257, 0.3018, 0.3171

Trichromacy



Original Color

89.6954, 0.3055, 0.3351

Protanomaly

89.6341, 0.3138, 0.3340

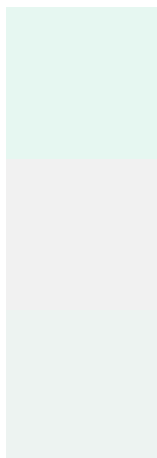
Deuteranomaly

89.5079, 0.3153, 0.3290

Tritanomaly

89.0959, 0.3028, 0.3230

Monochromacy



Original Color

89.6954, 0.3055, 0.3351

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.4566, 0.3100, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6954, 0.3055, 0.3351 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(230, 247, 241)` looks like.

```
.text, #text, p{  
    color:rgb(230, 247, 241)  
}
```

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(230, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 247, 241) }
```

Border

The CSS property to change the border of an element to Yxy 89.6954, 0.3055, 0.3351 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(230, 247, 241) }
```

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

```
.border{ border-color:rgb(230, 247, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 247, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(230, 247,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6954, 0.3055, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 247, 241) }
```

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

```
.background{ background-color: rgb(230,  
247, 241) }
```

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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