

Converting Colors

$Yxy(88.7135, 0.3025, 0.3320)$

Have a look what the booklet for
Yxy(88.7135, 0.3025, 0.3320)
contains.

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Color

Yxy(88.7135, 0.3025, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	E3F6F3
RGB	227, 246, 243
RGB Percent	89%, 96%, 95%
CMY	0.1095, 0.0354, 0.0470
CMYK	0.08, 0.00, 0.01, 0.04
HSL	171°, 51%, 93%
HSV	171°, 8%, 96%
XYZ	80.8308, 88.7135, 97.6650
YIQ	239.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

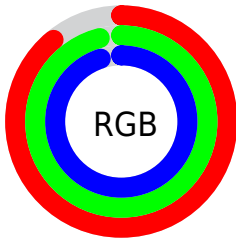
Format	Color
R _Y B	227, 237, 246
Decimal	14939891
CIE Lab	95.46, -6.72, -0.71
CIE LCh	95, 6.757, 186.012
Yxy	88.7135, 0.3025, 0.3320
Android (android.graphics.Color)	4293129971 (0xFFE3F6F3)
YUV	239.9770, 1.4903, -11.3808
Hunter-Lab	94.1878, -11.6423, 4.4527

Details

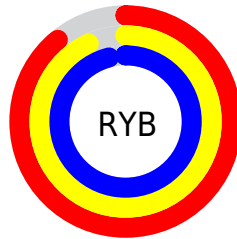
The Yxy color **88.7135, 0.3025, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.2864, 0.3240, 0.3260**, and the grayscale version is **87.1246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1854, 0.3005, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **84.7660, 0.2897, 0.3363**, and if you desaturate by 10%, it is **93.2449, 0.3158, 0.3281**.

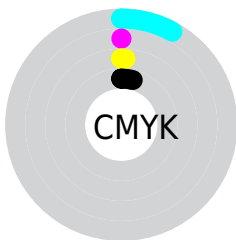
Distribution



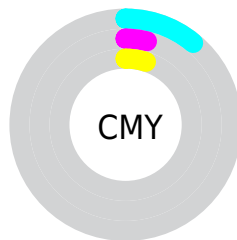
- Red (89%)
- Green (96%)
- Blue (95%)



- Red (89%)
- Yellow (93%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)





- Cyan (11%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7135, 0.3025, 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 88.7135, 0.3025, 0.3320 by changing the saturation by 10% instead.


 88.7135, 0.3025,
0.3320

 88.7135, 0.3025,
0.3320


523.8370, 0.3071,
0.3307

 66.9141, 0.3015,
0.3323


145.5501, 0.3041,
0.3316

 49.0148, 0.3003,
0.3326

181.3561, 0.3047,
0.3314

 34.6313, 0.2987,
0.3331


222.5998, 0.3052,
0.3312

 23.3790, 0.2968,
0.3336

269.6655, 0.3057,
0.3311

 14.8736, 0.2942,
0.3344

322.9377, 0.3061,
0.3310

 8.7307, 0.2907,
0.3354

382.8008, 0.3064,

 4.5660, 0.2854,

0.3309

449.6390, 0.3068,
0.3308

0.3368

■ 1.9949, 0.2768,
0.3392

■ 0.6045, 0.2383,
0.3509

■ 88.7135, 0.3025,
0.3320

■ 88.7135, 0.3025,
0.3320

■ 84.7660, 0.2897,
0.3363

■ 93.2449, 0.3158,
0.3281

■ 81.3670, 0.2778,
0.3409

■ 94.1111, 0.3157,
0.3244

■ 78.4944, 0.2671,
0.3458

■ 94.3572, 0.3133,
0.3208

■ 76.1204, 0.2578,
0.3511

■ 94.3820, 0.3131,
0.3204

■ 74.2143, 0.2502,
0.3565

■ 72.7423, 0.2445,
0.3621

■ 71.6658, 0.2407,
0.3678

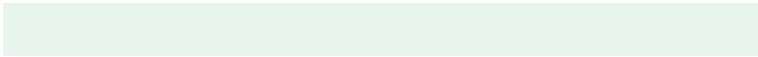
■ 70.9395, 0.2389,
0.3734

■ 70.5028, 0.2389,
0.3790

Harmonies

Analogous

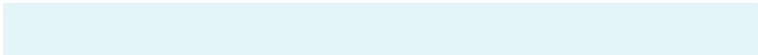
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7135, 0.3092, 0.3382



88.7135, 0.3025, 0.3320



88.7135, 0.2986, 0.3251

Triad

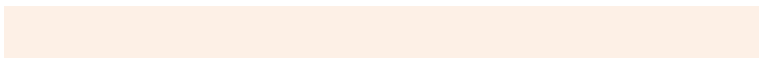
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7135, 0.3025, 0.3320



88.7135, 0.3084, 0.3166



88.7135, 0.3273, 0.3385

Complementary

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



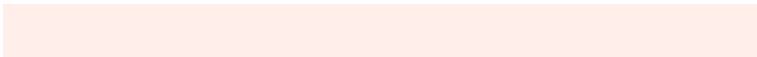
88.7135, 0.3025, 0.3320



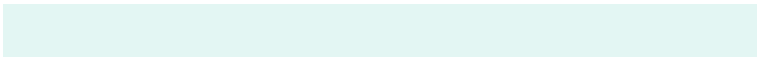
80.2864, 0.3240, 0.3260

Split Complementary

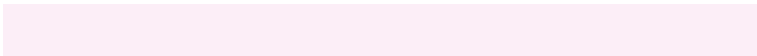
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7135, 0.3271, 0.3327



88.7135, 0.3025, 0.3320



88.7135, 0.3162, 0.3201

Square

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



88.7135, 0.3025, 0.3320



88.7135, 0.3019, 0.3163



88.7135, 0.3230, 0.3260



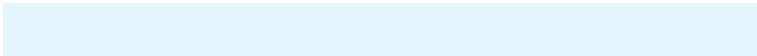
88.7135, 0.3235, 0.3419

Rectangle

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



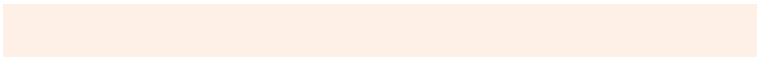
88.7135, 0.3025, 0.3320



88.7135, 0.2980, 0.3210



88.7135, 0.3230, 0.3260



88.7135, 0.3277, 0.3368

Sweetspot

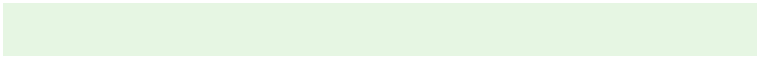
The Sweet Spot groups the original color and five complimentary colors.



88.7173, 0.3025, 0.3320



98.9940, 0.3100, 0.3298



88.3132, 0.3138, 0.3485



21.1993, 0.3102, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

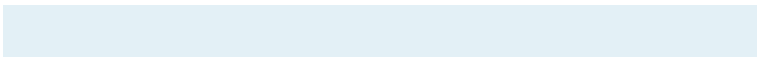
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7173, 0.3025, 0.3320



95.6739, 0.3008, 0.3325



85.1294, 0.3008, 0.3225



18.7104, 0.3002, 0.3327



37.6113, 0.2387, 0.3794



3.3175, 0.2368, 0.3724

Inverse Universe

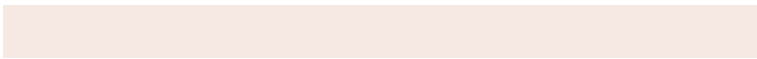
The Inverse Universe completely reimagines the original color for something new.



80.2864, 0.3240, 0.3260



85.0377, 0.3261, 0.3255



83.6333, 0.3253, 0.3354



16.5250, 0.3269, 0.3253



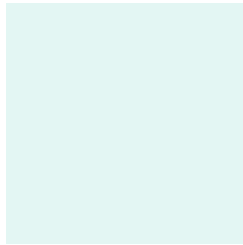
10.5479, 0.6179, 0.3178



0.9394, 0.5872, 0.3009

Previews

White Background



This preview shows how the Yxy color 88.7135, 0.3025, 0.3320 looks on a white background.

Color Contrast Check

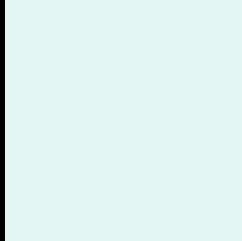
Large Text (above 18pt) WCAG AA × Fail

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 88.7135, 0.3025, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

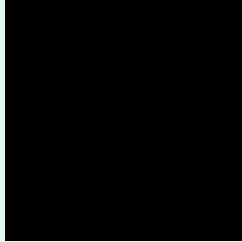
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

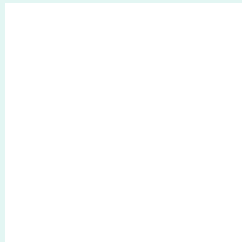
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7135, 0.3025, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 88.7135, 0.3025, 0.3320.

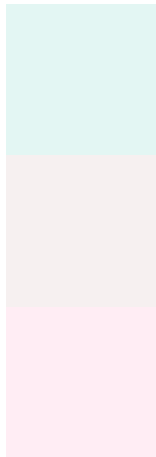


This preview shows how white text looks on a background with the Yxy color 88.7135, 0.3025, 0.3320.

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

88.7135, 0.3025, 0.3320

Protanopia

88.2043, 0.3167, 0.3290

Deuteranopia

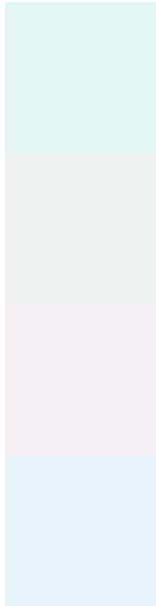
88.3600, 0.3204, 0.3222



Tritanopia

88.9834, 0.3006, 0.3170

Trichromacy



Original Color

88.7135, 0.3025, 0.3320

Protanomaly

88.2059, 0.3114, 0.3300

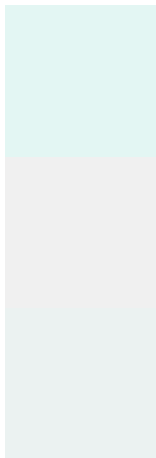
Deuteranomaly

88.2643, 0.3136, 0.3250

Tritanomaly

88.8222, 0.3010, 0.3219

Monochromacy



Original Color

88.7135, 0.3025, 0.3320

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.5173, 0.3088, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7135, 0.3025, 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(227, 246, 243)` looks like.

```
.text, #text, p{  
    color:rgb(227, 246, 243)  
}
```

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(227, 246, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 246, 243) }
```

Border

The CSS property to change the border of an element to Yxy 88.7135, 0.3025, 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(227, 246, 243) }
```

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

```
.border{ border-color:rgb(227, 246, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 246, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 246, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 246, 243);  
box-shadow:4px 4px 4px 4px rgb(227, 246,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7135, 0.3025, 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(227, 246, 243) }
```

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

```
.background{ background-color: rgb(227,  
246, 243) }
```

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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