

Converting Colors

$Yxy(87.2025, 0.2989, 0.3269)$

Have a look what the booklet for
Yxy(87.2025, 0.2989, 0.3269)
contains.

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Color

Yxy(87.2025, 0.2989, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E0F4F6
RGB	224, 244, 246
RGB Percent	88%, 96%, 96%
CMY	0.1214, 0.0432, 0.0353
CMYK	0.09, 0.01, 0.00, 0.04
HSL	185°, 55%, 92%
HSV	185°, 9%, 96%
XYZ	79.7333, 87.2025, 99.8201
YIQ	238.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

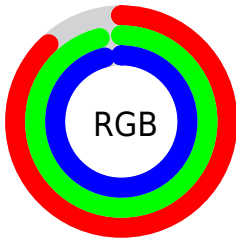
Format	Color
R _Y B	224, 234, 246
Decimal	14742774
CIE Lab	94.82, -6.13, -3.21
CIE LCh	95, 6.921, 207.664
Yxy	87.2025, 0.2989, 0.3269
Android (android.graphics.Color)	4292932854 (0xFFE0F4F6)
YUV	238.2480, 3.8217, -12.4955
Hunter-Lab	93.3823, -11.0089, 1.9901

Details

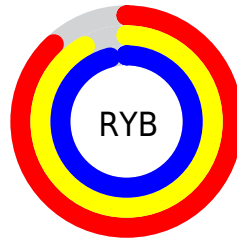
The Yxy color **87.2025, 0.2989, 0.3269** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.3924, 0.3281, 0.3311**, and the grayscale version is **85.6856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.1192, 0.2959, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **82.2105, 0.2840, 0.3244**, and if you desaturate by 10%, it is **92.7870, 0.3144, 0.3292**.

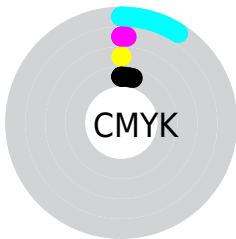
Distribution



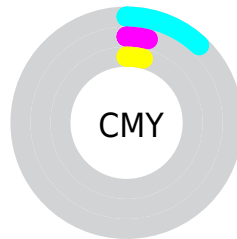
- Red (88%)
- Green (96%)
- Blue (96%)



- Red (88%)
- Yellow (92%)
- Blue (96%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.2025, 0.2989, 0.3269 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 87.2025, 0.2989, 0.3269 by changing the saturation by 10% instead.

87.2025, 0.2989,
0.3269

87.2025, 0.2989,
0.3269

518.8880, 0.3051,
0.3279

65.6628, 0.2975,
0.3267

143.4464, 0.3010,
0.3272

47.9987, 0.2959,
0.3264

178.9193, 0.3018,
0.3274

33.8259, 0.2938,
0.3260

219.8054, 0.3025,
0.3275

22.7599, 0.2912,
0.3256

266.4892, 0.3032,
0.3276

14.4163, 0.2877,
0.3250

319.3549, 0.3037,
0.3277

8.4108, 0.2829,
0.3240

378.7871, 0.3042,

4.3589, 0.2757,

0.3278

0.3226

445.1700, 0.3047,
0.3278

■ 1.8763, 0.2641,
0.3202

■ 0.5341, 0.2108,
0.3145

■ 87.2025, 0.2989,
0.3269

■ 87.2025, 0.2989,
0.3269

■ 82.2105, 0.2840,
0.3244

■ 92.7870, 0.3144,
0.3292

■ 77.7757, 0.2700,
0.3216

■ 95.3518, 0.3183,
0.3314

■ 73.8756, 0.2572,
0.3187

■ 96.7459, 0.3182,
0.3336

■ 70.4819, 0.2459,
0.3157

■ 98.1566, 0.3181,
0.3357

67.5638, 0.2363,
0.3125

99.4341, 0.3179,
0.3376

65.0867, 0.2286,
0.3094

63.0114, 0.2228,
0.3062

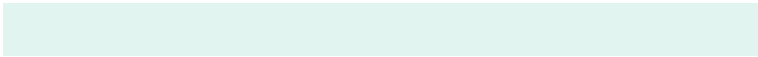
61.2914, 0.2190,
0.3030

59.8576, 0.2168,
0.2999

Harmonies

Analogous

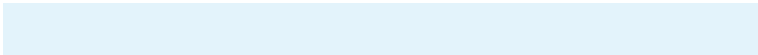
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2025, 0.3039, 0.3340



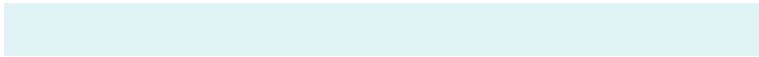
87.2025, 0.2989, 0.3269



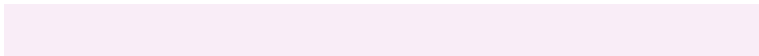
87.2025, 0.2976, 0.3205

Triad

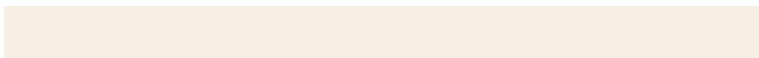
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2025, 0.2989, 0.3269



87.2025, 0.3140, 0.3186



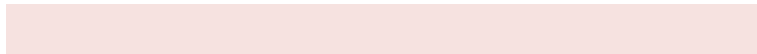
87.2025, 0.3253, 0.3416

Complementary

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



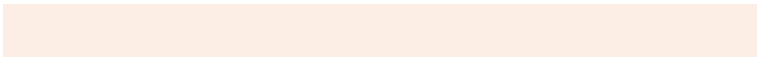
87.2025, 0.2989, 0.3269



79.3924, 0.3281, 0.3311

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.



87.2025, 0.3281, 0.3373



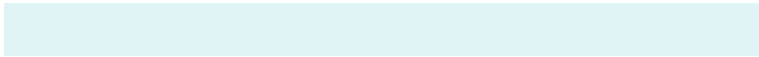
87.2025, 0.2989, 0.3269



87.2025, 0.3216, 0.3240

Square

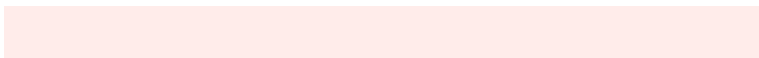
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2025, 0.2989, 0.3269



87.2025, 0.3062, 0.3158



87.2025, 0.3267, 0.3309



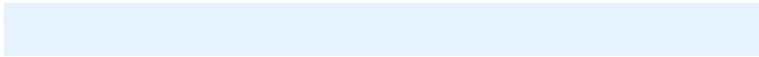
87.2025, 0.3191, 0.3426

Rectangle

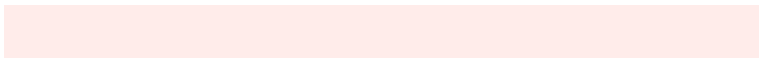
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



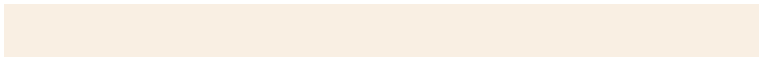
87.2025, 0.2989, 0.3269



87.2025, 0.2989, 0.3174



87.2025, 0.3267, 0.3309



87.2025, 0.3267, 0.3405

Sweetspot

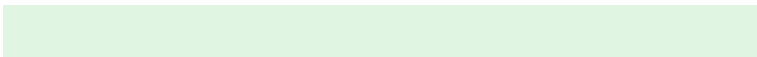
The Sweet Spot groups the original color and five complimentary colors.



87.2062, 0.2989, 0.3269



98.1327, 0.3080, 0.3283



87.2503, 0.3106, 0.3500



20.8997, 0.3068, 0.3281



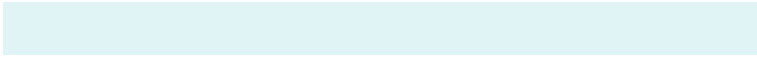
0.0000, 0.0000, 0.0000



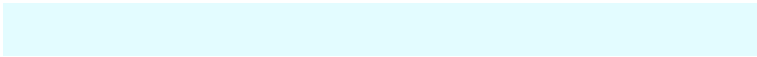
21.4041, 0.3127, 0.3290

Same Dimension

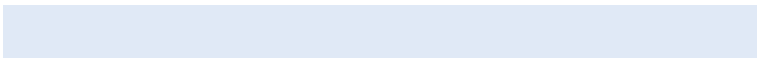
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2062, 0.2989, 0.3269



93.4385, 0.2957, 0.3264



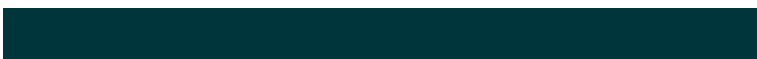
80.8912, 0.2989, 0.3157



18.4837, 0.2981, 0.3268



31.9804, 0.2167, 0.3001



2.8850, 0.2178, 0.3040

Inverse Universe

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



79.4545, 0.3150, 0.3090



83.2268, 0.3156, 0.3043



85.4587, 0.3270, 0.3420



16.7407, 0.3152, 0.3078



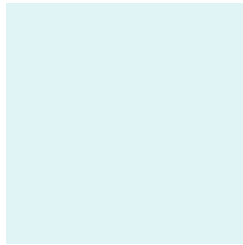
13.3278, 0.3453, 0.1676



1.1789, 0.3419, 0.1657

Previews

White Background



This preview shows how the Yxy color 87.2025, 0.2989, 0.3269 looks on a white background.

Color Contrast Check

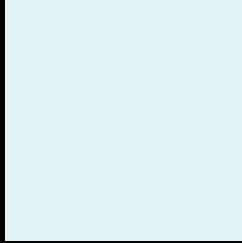
Large Text (above 18pt) WCAG AA × Fail

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 87.2025, 0.2989, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

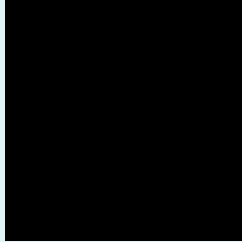
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

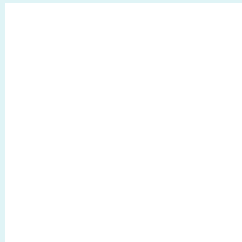
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.2025, 0.2989, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 87.2025, 0.2989, 0.3269.

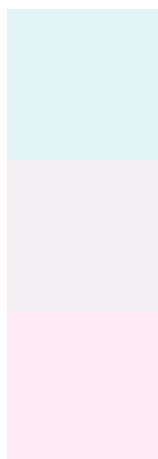


This preview shows how white text looks on a background with the Yxy color 87.2025, 0.2989, 0.3269.

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

87.2025, 0.2989, 0.3269

Protanopia

87.2588, 0.3129, 0.3250

Deuteranopia

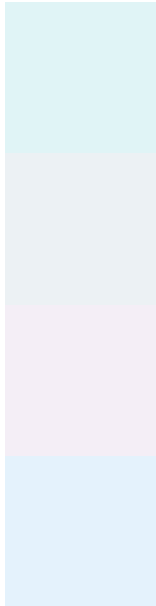
86.7595, 0.3193, 0.3173



Tritanopia

87.1195, 0.2981, 0.3149

Trichromacy



Original Color

87.2025, 0.2989, 0.3269

Protanomaly

87.2751, 0.3077, 0.3260

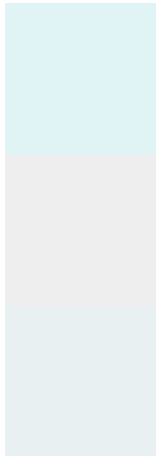
Deuteranomaly

87.0360, 0.3118, 0.3211

Tritanomaly

87.0265, 0.2979, 0.3188

Monochromacy



Original Color

87.2025, 0.2989, 0.3269

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.9947, 0.3076, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2025, 0.2989, 0.3269 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(224, 244, 246)` looks like.

```
.text, #text, p{  
    color:rgb(224, 244, 246)  
}
```

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(224, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 244, 246) }
```

Border

The CSS property to change the border of an element to Yxy 87.2025, 0.2989, 0.3269 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(224, 244, 246) }
```

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

```
.border{ border-color:rgb(224, 244, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 244, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 244, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 244, 246);  
box-shadow:4px 4px 4px 4px rgb(224, 244,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2025, 0.2989, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 244, 246) }
```

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

```
.background{ background-color: rgb(224,  
244, 246) }
```

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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