

Converting Colors

$Yxy(86.6878, 0.3009, 0.3266)$

Have a look what the booklet for
Yxy(86.6878, 0.3009, 0.3266)
contains.

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Color

Yxy(86.8625, 0.3007, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E2F3F5
RGB	226, 243, 245
RGB Percent	89%, 95%, 96%
CMY	0.1137, 0.0471, 0.0392
CMYK	0.08, 0.01, 0.00, 0.04
HSL	186°, 49%, 92%
HSV	186°, 8%, 96%
XYZ	79.9007, 86.8625, 98.9526
YIQ	238.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

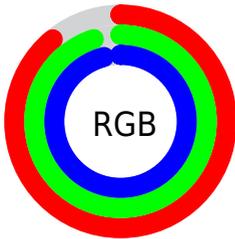
Format	Color
R _Y B	226, 235, 245
Decimal	14873589
CIE Lab	94.68, -5.18, -2.90
CIE LCh	95, 5.934, 209.229
Yxy	86.8625, 0.3007, 0.3269
Android (android.graphics.Color)	4293063669 (0xFFE2F3F5)
YUV	238.1450, 3.3795, -10.6512
Hunter-Lab	93.2001, -10.0714, 2.2905

Details

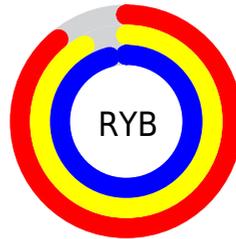
The Yxy color **86.8625, 0.3007, 0.3269** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.4105, 0.3259, 0.3311**, and the grayscale version is **85.6023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.8727, 0.2982, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **81.6392, 0.2857, 0.3240**, and if you desaturate by 10%, it is **92.6811, 0.3162, 0.3296**.

Distribution



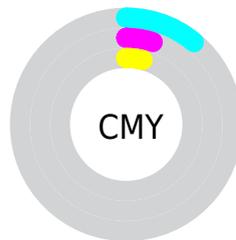
- Red (89%)
- Green (95%)
- Blue (96%)



- Red (89%)
- Yellow (92%)
- Blue (96%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.8625, 0.3007, 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 86.8625, 0.3007, 0.3269 by changing the saturation by 10% instead.

86.8625, 0.3007,
0.3269

86.8625, 0.3007,
0.3269

517.7709, 0.3061,
0.3279

65.3814, 0.2995,
0.3267

142.9725, 0.3025,
0.3272

47.7704, 0.2981,
0.3264

178.3702, 0.3033,
0.3274

33.6451, 0.2963,
0.3261

219.1755, 0.3039,
0.3275

22.6211, 0.2940,
0.3256

265.7729, 0.3044,
0.3276

14.3140, 0.2909,
0.3250

318.5468, 0.3049,
0.3277

8.3394, 0.2867,
0.3241

377.8814, 0.3053,

4.3129, 0.2804,

0.3277

0.3228

444.1614, 0.3057,
0.3278

■ 1.8501, 0.2702,
0.3204

■ 0.5181, 0.2217,
0.3138

■ 86.8625, 0.3007,
0.3269

■ 86.8625, 0.3007,
0.3269

■ 81.6392, 0.2857,
0.3240

■ 92.6811, 0.3162,
0.3296

■ 76.9763, 0.2715,
0.3208

■ 95.1103, 0.3190,
0.3321

■ 72.8518, 0.2584,
0.3175

■ 96.7212, 0.3188,
0.3346

■ 69.2379, 0.2467,
0.3139

■ 98.3544, 0.3186,
0.3370

66.1043, 0.2367,
0.3103

99.3735, 0.3185,
0.3386

63.4173, 0.2286,
0.3066

61.1388, 0.2224,
0.3029

59.2236, 0.2182,
0.2991

57.6114, 0.2157,
0.2955

Harmonies

Analogous

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



86.8625, 0.3049, 0.3330



86.8625, 0.3007, 0.3269



86.8625, 0.2997, 0.3215

Triad

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



86.8625, 0.3007, 0.3269



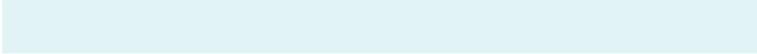
86.8625, 0.3142, 0.3202



86.8625, 0.3233, 0.3400

Complementary

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



86.8625, 0.3007, 0.3269



80.4105, 0.3259, 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.



86.8625, 0.3259, 0.3364



86.8625, 0.3007, 0.3269



86.8625, 0.3206, 0.3250

Square

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



86.8625, 0.3007, 0.3269



86.8625, 0.3075, 0.3177



86.8625, 0.3249, 0.3309



86.8625, 0.3179, 0.3406

Rectangle

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



86.8625, 0.3007, 0.3269



86.8625, 0.3010, 0.3189



86.8625, 0.3249, 0.3309



86.8625, 0.3245, 0.3391

Sweetspot

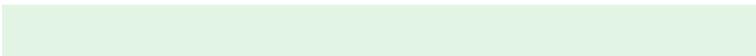
The Sweet Spot groups the original color and five complimentary colors.



86.8662, 0.3007, 0.3269



98.7009, 0.3096, 0.3285



87.0823, 0.3107, 0.3468



21.1397, 0.3097, 0.3285



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.



86.8662, 0.3007, 0.3269



94.3608, 0.2988, 0.3265



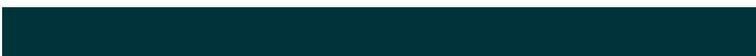
81.3914, 0.3007, 0.3172



18.4398, 0.2981, 0.3264



30.9716, 0.2154, 0.2953



2.8066, 0.2166, 0.2999

Inverse Universe

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



80.2871, 0.3149, 0.3120



86.0656, 0.3153, 0.3092



85.7164, 0.3250, 0.3405



16.7362, 0.3154, 0.3081



13.2260, 0.3496, 0.1699



1.1710, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 86.8625, 0.3007, 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 86.8625, 0.3007, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

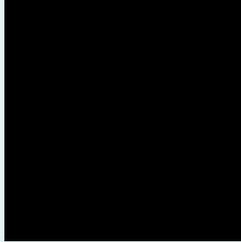
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.8625, 0.3007, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 86.8625, 0.3007, 0.3269.



This preview shows how white text looks on a background with the Yxy color 86.8625, 0.3007, 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

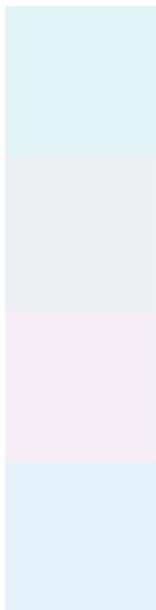




Tritanopia

86.5291, 0.2981, 0.3139

Trichromacy



Original Color

86.8625, 0.3007, 0.3269

Protanomaly

86.7958, 0.3089, 0.3260

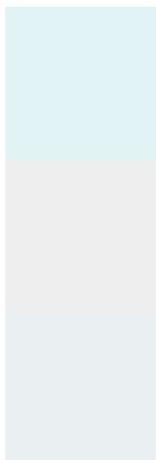
Deuteranomaly

86.4553, 0.3118, 0.3201

Tritanomaly

86.5336, 0.2991, 0.3188

Monochromacy



Original Color

86.8625, 0.3007, 0.3269

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.1635, 0.3082, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.8625, 0.3007, 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(226, 243, 245)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 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(226, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 245) }
```

Border

The CSS property to change the border of an element to Yxy 86.8625, 0.3007, 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(226, 243, 245) }
```

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

```
.border{ border-color:rgb(226, 243, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 243, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
245) }
```

Background

The CSS property to change the background color of an element to Yxy 86.8625, 0.3007, 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(226, 243, 245) }
```

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

```
.background{ background-color: rgb(226,  
243, 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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