

Converting Colors

Yxy(86.9530, 0.3086, 0.3352)

Have a look what the booklet for
Yxy(86.9530, 0.3086, 0.3352)
contains.

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Color

Yxy(87.2045, 0.3086, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	E7F3ED
RGB	231, 243, 237
RGB Percent	91%, 95%, 93%
CMY	0.0938, 0.0471, 0.0706
CMYK	0.05, 0.00, 0.02, 0.05
HSL	150°, 33%, 93%
HSV	150°, 5%, 95%
XYZ	80.3083, 87.2045, 92.7215
YIQ	238.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

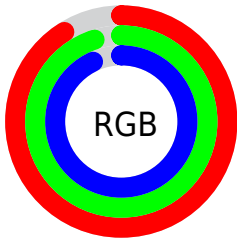
Format	Color
R _Y B	231, 239, 243
Decimal	15201261
CIE Lab	94.82, -5.00, 1.51
CIE LCh	95, 5.225, 163.233
Yxy	87.2045, 0.3086, 0.3351
Android (android.graphics.Color)	4293391341 (0xFFE7F3ED)
YUV	238.7280, -0.8519, -6.7775
Hunter-Lab	93.3833, -9.9135, 6.4986

Details

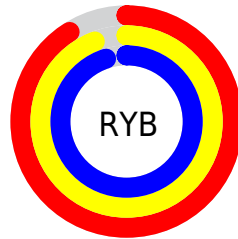
The Yxy color **87.2045, 0.3086, 0.3351** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.3610, 0.3170, 0.3230**, and the grayscale version is **86.1139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9908, 0.3074, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **82.7510, 0.3003, 0.3487**, and if you desaturate by 10%, it is **92.2052, 0.3168, 0.3230**.

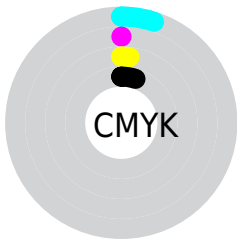
Distribution



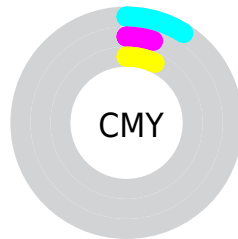
- Red (91%)
- Green (95%)
- Blue (93%)



- Red (91%)
- Yellow (94%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)





- Cyan (9%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.2045, 0.3086, 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 87.2045, 0.3086, 0.3351 by changing the saturation by 10% instead.


 87.2045, 0.3086,
0.3351

 87.2045, 0.3086,
0.3351


518.8946, 0.3105,
0.3324

 65.6645, 0.3082,
0.3357

143.4491, 0.3092,
0.3342

 48.0001, 0.3077,
0.3365


178.9225, 0.3095,
0.3338

 33.8269, 0.3071,
0.3374


219.8092, 0.3097,
0.3335

 22.7607, 0.3062,
0.3386

266.4934, 0.3099,
0.3332

 14.4169, 0.3052,
0.3402

319.3597, 0.3101,
0.3330

 8.4112, 0.3037,
0.3424

378.7924, 0.3102,

 4.3592, 0.3014,

0.3327

0.3458

445.1759, 0.3103,
0.3325

■ 1.8764, 0.2977,
0.3514

■ 0.5342, 0.2762,
0.3826

■ 87.2045, 0.3086,
0.3351

■ 87.2045, 0.3086,
0.3351

■ 82.7510, 0.3003,
0.3487


■ 92.2052, 0.3168,
0.3230


■ 78.8797, 0.2924,
0.3637

■ 92.5730, 0.3133,
0.3175


■ 75.5688, 0.2851,
0.3803


■ 72.7907, 0.2788,
0.3982

 70.5156, 0.2737,
0.4172

 68.7105, 0.2703,
0.4369

 67.3384, 0.2687,
0.4569

 66.3563, 0.2692,
0.4765

 65.7115, 0.2717,
0.4952

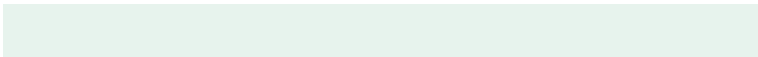
Harmonies

Analogous

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



87.2045, 0.3145, 0.3385



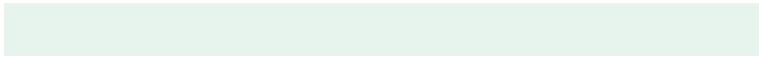
87.2045, 0.3086, 0.3351



87.2045, 0.3038, 0.3301

Triad

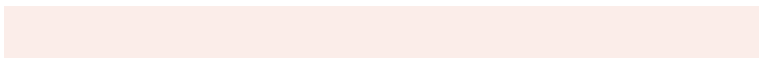
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2045, 0.3086, 0.3351



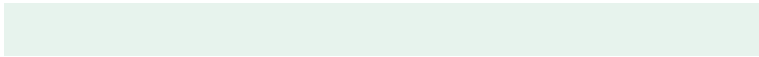
87.2045, 0.3054, 0.3189



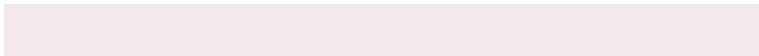
87.2045, 0.3242, 0.3331

Complementary

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



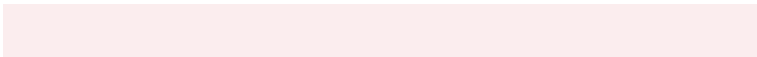
87.2045, 0.3086, 0.3351



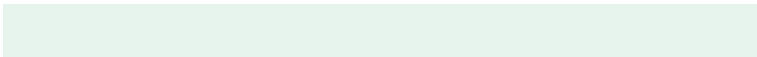
82.3610, 0.3170, 0.3230

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.



87.2045, 0.3217, 0.3279



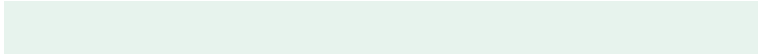
87.2045, 0.3086, 0.3351



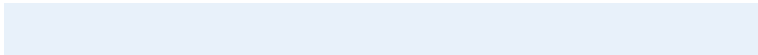
87.2045, 0.3108, 0.3198

Square

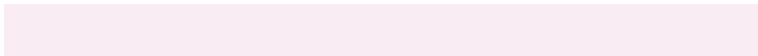
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



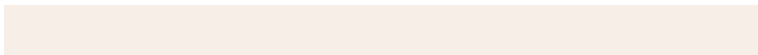
87.2045, 0.3086, 0.3351



87.2045, 0.3019, 0.3207



87.2045, 0.3168, 0.3231



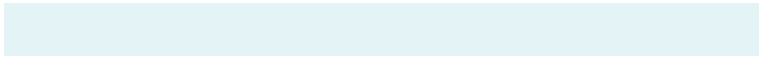
87.2045, 0.3236, 0.3373

Rectangle

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



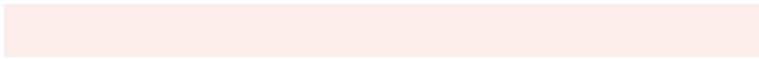
87.2045, 0.3086, 0.3351



87.2045, 0.3019, 0.3265



87.2045, 0.3168, 0.3231



87.2045, 0.3237, 0.3314

Sweetspot

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



87.2082, 0.3086, 0.3351



99.4374, 0.3119, 0.3302



87.9101, 0.3162, 0.3411



21.2896, 0.3119, 0.3302



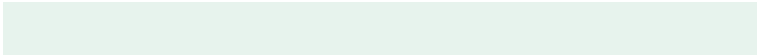
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

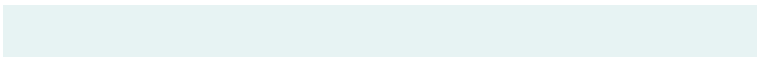
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2082, 0.3086, 0.3351



96.7278, 0.3077, 0.3365



87.5518, 0.3052, 0.3292



18.8940, 0.3071, 0.3374



35.9658, 0.2726, 0.5015



3.1818, 0.2663, 0.4786

Inverse Universe

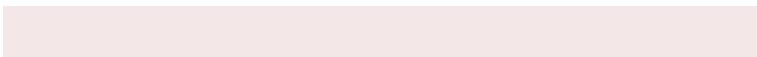
The Inverse Universe completely reimagines the original color for something new.



82.3610, 0.3170, 0.3230



90.1427, 0.3181, 0.3216



82.0282, 0.3208, 0.3288



17.4748, 0.3187, 0.3208



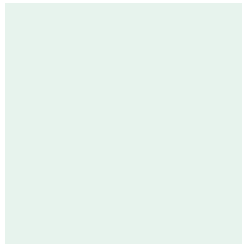
11.2565, 0.4952, 0.2501



1.0101, 0.4674, 0.2348

Previews

White Background



This preview shows how the Yxy color 87.2045, 0.3086, 0.3351 looks on a white background.

Color Contrast Check

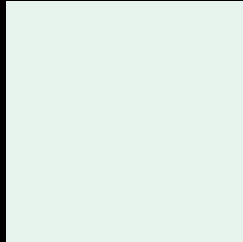
Large Text (above 18pt) WCAG AA × Fail

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 87.2045, 0.3086, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

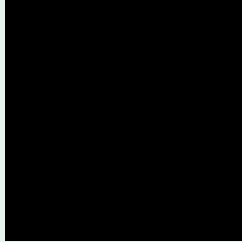
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

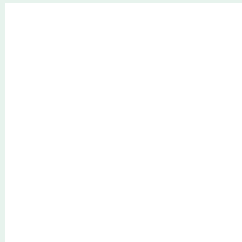
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.2045, 0.3086, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 87.2045, 0.3086, 0.3351.

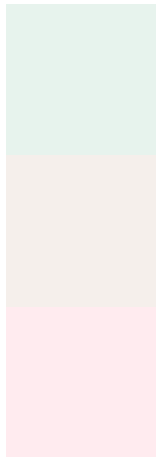


This preview shows how white text looks on a background with the Yxy color 87.2045, 0.3086, 0.3351.

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

87.2045, 0.3086, 0.3351

Protanopia

87.1436, 0.3192, 0.3330

Deuteranopia

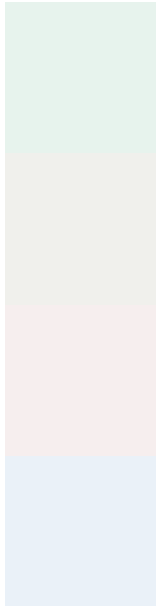
86.9087, 0.3237, 0.3251



Tritanopia

87.3730, 0.3012, 0.3140

Trichromacy



Original Color

87.2045, 0.3086, 0.3351

Protanomaly

86.9016, 0.3152, 0.3330

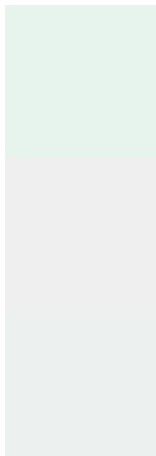
Deuteranomaly

86.9149, 0.3180, 0.3290

Tritanomaly

87.1803, 0.3040, 0.3219

Monochromacy



Original Color

87.2045, 0.3086, 0.3351

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3261, 0.3113, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2045, 0.3086, 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(231, 243, 237)` looks like.

```
.text, #text, p{  
    color:rgb(231, 243, 237)  
}
```

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(231, 243, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 243, 237) }
```

Border

The CSS property to change the border of an element to Yxy 87.2045, 0.3086, 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(231, 243, 237) }
```

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

```
.border{ border-color:rgb(231, 243, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 243, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 243, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 243, 237);  
box-shadow:4px 4px 4px 4px rgb(231, 243,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2045, 0.3086, 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(231, 243, 237) }
```

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

```
.background{ background-color: rgb(231,  
243, 237) }
```

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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