

Converting Colors

Yxy(86.8430, 0.3104, 0.3257)

Have a look what the booklet for
Yxy(86.8430, 0.3104, 0.3257)
contains.

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Color

Yxy(87.1420, 0.3102, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	EFF0F3
RGB	239, 240, 243
RGB Percent	94%, 94%, 95%
CMY	0.0630, 0.0587, 0.0470
CMYK	0.02, 0.01, 0.00, 0.05
HSL	224°, 14%, 94%
HSV	224°, 2%, 95%
XYZ	82.9186, 87.1420, 97.2462
YIQ	240.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

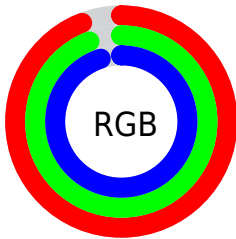
Format	Color
R_{YB}	239, 240, 243
Decimal	15724787
CIE _{Lab}	94.80, 0.18, -1.57
CIE _{LCh}	95, 1.583, 276.459
Yxy	87.1420, 0.3102, 0.3260
Android (android.graphics.Color)	4293914867 (0xFFEFF0F3)
YUV	240.0430, 1.4578, -0.9147
Hunter-Lab	93.3499, -4.8087, 3.5802

Details

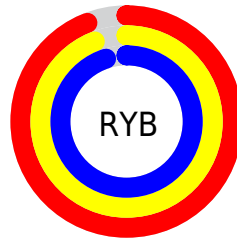
The Yxy color **87.1420, 0.3102, 0.3260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.7388, 0.3152, 0.3320**, and the grayscale version is **87.1582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9361, 0.3095, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **73.2232, 0.2944, 0.3067**, and if you desaturate by 10%, it is **99.2513, 0.3197, 0.3405**.

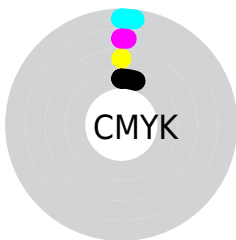
Distribution



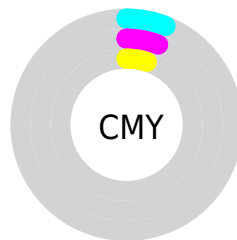
- Red (94%)
- Green (94%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.1420, 0.3102, 0.3260 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 87.1420, 0.3102, 0.3260 by changing the saturation by 10% instead.

87.1420, 0.3102,
0.3260

87.1420, 0.3102,
0.3260

518.6894, 0.3113,
0.3274

65.6127, 0.3099,
0.3257

143.3620, 0.3106,
0.3265

47.9581, 0.3096,
0.3253

178.8216, 0.3107,
0.3266

33.7937, 0.3093,
0.3249

219.6934, 0.3109,
0.3268

22.7352, 0.3088,
0.3243

266.3618, 0.3110,
0.3269

14.3981, 0.3081,
0.3235

319.2112, 0.3111,
0.3271

8.3980, 0.3072,
0.3224

378.6260, 0.3112,

4.3507, 0.3059,

0.3272

0.3208

444.9906, 0.3113,
0.3273

■ 1.8716, 0.3036,
0.3182

■ 0.5312, 0.2946,
0.3073

■ 87.1420, 0.3102,
0.3260

■ 87.1420, 0.3102,
0.3260

■ 73.2232, 0.2944,
0.3067

■ 99.2513, 0.3197,
0.3405

■ 60.8459, 0.2773,
0.2850

■ 49.9587, 0.2592,
0.2610

■ 40.5035, 0.2404,
0.2350

■ 32.4181, 0.2216,
0.2074

■ 25.6356, 0.2037,
0.1793

■ 20.0826, 0.1875,
0.1519

■ 15.6780, 0.1740,
0.1265

■ 12.3289, 0.1640,
0.1046

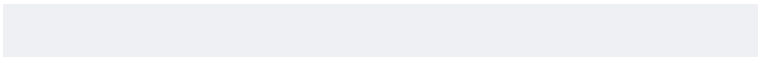
Harmonies

Analogous

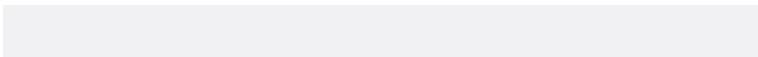
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1420, 0.3093, 0.3267



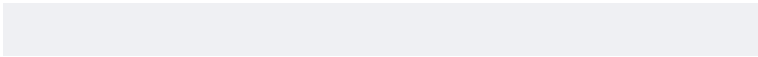
87.1420, 0.3102, 0.3260



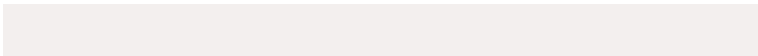
87.1420, 0.3118, 0.3261

Triad

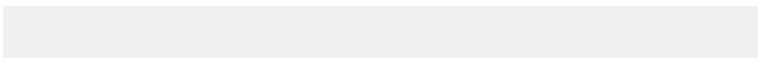
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1420, 0.3102, 0.3260



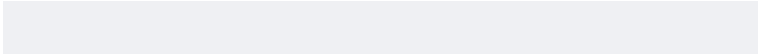
87.1420, 0.3161, 0.3299



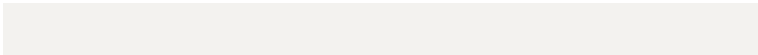
87.1420, 0.3119, 0.3311

Complementary

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



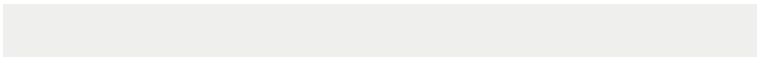
87.1420, 0.3102, 0.3260



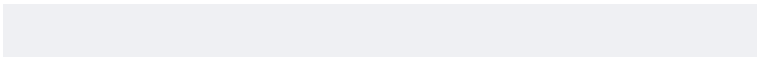
88.7388, 0.3152, 0.3320

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.



87.1420, 0.3137, 0.3320



87.1420, 0.3102, 0.3260



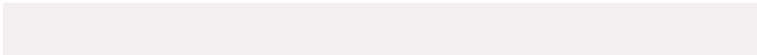
87.1420, 0.3161, 0.3313

Square

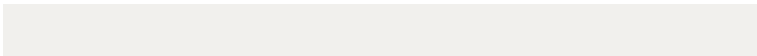
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



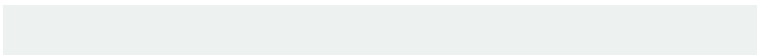
87.1420, 0.3102, 0.3260



87.1420, 0.3152, 0.3283



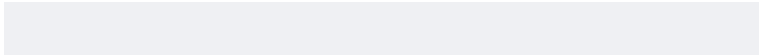
87.1420, 0.3153, 0.3321



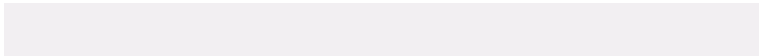
87.1420, 0.3103, 0.3297

Rectangle

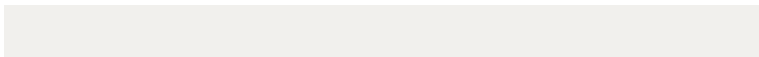
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



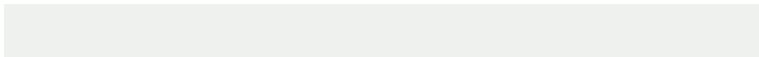
87.1420, 0.3102, 0.3260



87.1420, 0.3130, 0.3266



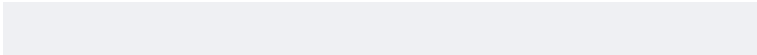
87.1420, 0.3153, 0.3321



87.1420, 0.3125, 0.3315

Sweetspot

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



87.1457, 0.3102, 0.3260



98.3333, 0.3112, 0.3272



88.8457, 0.3108, 0.3302



21.0650, 0.3113, 0.3273



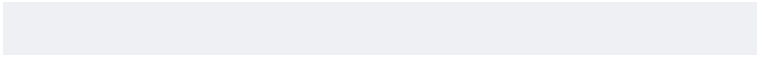
0.0000, 0.0000, 0.0000



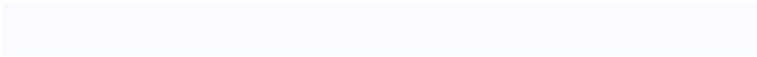
21.4041, 0.3127, 0.3290

Same Dimension

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



87.1457, 0.3102, 0.3260



96.6846, 0.3097, 0.3254



86.6610, 0.3108, 0.3249



18.9840, 0.3099, 0.3256



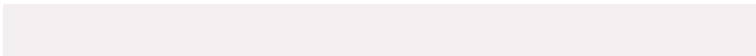
5.8127, 0.1590, 0.0923



0.6733, 0.1656, 0.1160

Inverse Universe

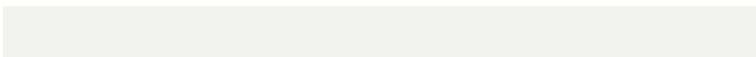
The Inverse Universe completely reimagines the original color for something new.



87.0444, 0.3147, 0.3279



96.5507, 0.3151, 0.3277



89.2313, 0.3146, 0.3331



18.9591, 0.3150, 0.3278



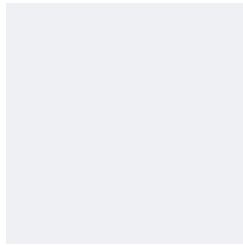
10.6862, 0.5876, 0.3010



0.9556, 0.5523, 0.2816

Previews

White Background



This preview shows how the Yxy color 87.1420, 0.3102, 0.3260 looks on a white background.

Color Contrast Check

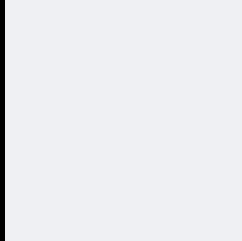
Large Text (above 18pt) WCAG AA × Fail

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 87.1420, 0.3102, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

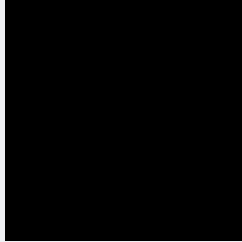
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

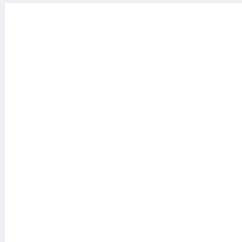
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.1420, 0.3102, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 87.1420, 0.3102, 0.3260.

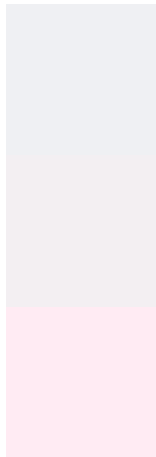


This preview shows how white text looks on a background with the Yxy color 87.1420, 0.3102, 0.3260.

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

87.1420, 0.3102, 0.3260

Protanopia

87.1985, 0.3135, 0.3260

Deuteranopia

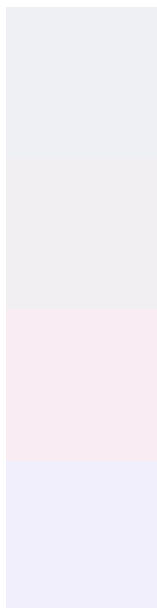
87.1477, 0.3211, 0.3212



Tritanopia

87.0698, 0.3044, 0.3122

Trichromacy



Original Color

87.1420, 0.3102, 0.3260

Protanomaly

87.0211, 0.3129, 0.3260

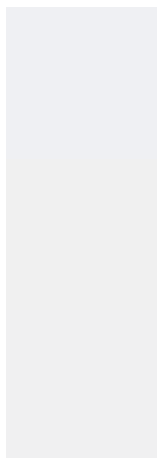
Deuteranomaly

87.1792, 0.3170, 0.3231

Tritanomaly

87.2233, 0.3061, 0.3171

Monochromacy



Original Color

87.1420, 0.3102, 0.3260

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.1963, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.1420, 0.3102, 0.3260 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(239, 240, 243)` looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 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(239, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 243) }
```

Border

The CSS property to change the border of an element to Yxy 87.1420, 0.3102, 0.3260 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(239, 240, 243) }
```

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

```
.border{ border-color:rgb(239, 240, 243) }
```

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

Here you see how a box with a 4 pixel rgb(239, 240, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 87.1420, 0.3102, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 243) }
```

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

```
.background{ background-color: rgb(239,  
240, 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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