

Converting Colors

$Y_{xy}(86.2500, 0.3178, 0.3372)$

Have a look what the booklet for
Yxy(86.2500, 0.3178, 0.3372)
contains.

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Color

Yxy(86.0278, 0.3183, 0.3371)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0EFE7 |
| RGB | 240, 239, 231 |
| RGB Percent | 94%, 94%, 91% |
| CMY | 0.0588, 0.0627, 0.0940 |
| CMYK | 0.00, 0.00, 0.04, 0.06 |
| HSL | 53°, 23%, 92% |
| HSV | 53°, 4%, 94% |
| XYZ | 81.2300, 86.0278, 87.9418 |
| YIQ | 238.3870, 3.1640, -2.2760 |

Conversions

Conversions Part 2

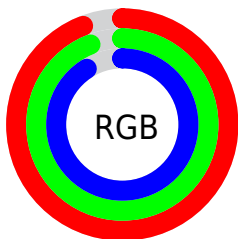
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 232, 240, 231 |
| Decimal | 15790055 |
| CIE Lab | 94.32, -1.04, 3.96 |
| CIE LCh | 94, 4.094, 104.758 |
| Yxy | 86.0278, 0.3183, 0.3371 |
| Android (android.graphics.Color) | 4293980135 (0xFFFF0EFE7) |
| YUV | 238.3870, -3.6418, 1.4146 |
| Hunter-Lab | 92.7512, -5.9870, 8.7102 |

Details

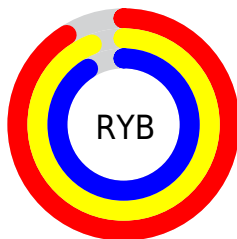
The Yxy color **86.0278, 0.3183, 0.3371** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.0163, 0.3071, 0.3208**, and the grayscale version is **85.8467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1525, 0.3199, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **83.2017, 0.3338, 0.3594**, and if you desaturate by 10%, it is **89.0692, 0.3037, 0.3158**.

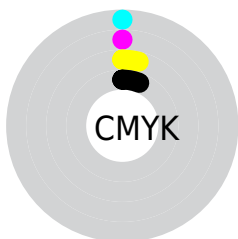
Distribution



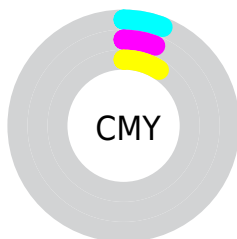
- Red (94%)
- Green (94%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0278, 0.3183, 0.3371 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 86.0278, 0.3183, 0.3371 by changing the saturation by 10% instead.

86.0278, 0.3183,
0.3371

86.0278, 0.3183,
0.3371

515.0229, 0.3158,
0.3335

64.6910, 0.3189,
0.3379

141.8083, 0.3174,
0.3359

47.2105, 0.3195,
0.3389

177.0207, 0.3171,
0.3354

33.2021, 0.3204,
0.3401

217.6271, 0.3168,
0.3349

22.2813, 0.3215,
0.3417

264.0119, 0.3166,
0.3346

14.0638, 0.3229,
0.3439

316.5595, 0.3163,
0.3342

8.1650, 0.3249,
0.3468

375.6543, 0.3161,

4.2007, 0.3279,

0.3340

0.3513

441.6806, 0.3160,
0.3337

■ 1.7865, 0.3329,
0.3587

■ 0.4787, 0.3726,
0.4153

■ 86.0278, 0.3183,
0.3371

■ 86.0278, 0.3183,
0.3371

■ 83.2017, 0.3338,
0.3594

■ 89.0692, 0.3037,
0.3158

■ 80.5738, 0.3500,
0.3821

■ 90.6813, 0.3037,
0.3185

■ 78.1395, 0.3665,
0.4048

■ 92.3171, 0.3036,
0.3212

■ 75.8903, 0.3827,
0.4264

■ 93.9767, 0.3036,
0.3239

■ 73.8165, 0.3980,
0.4460

■ 95.6602, 0.3036,
0.3265

■ 71.9077, 0.4118,
0.4626

■ 97.2669, 0.3035,
0.3290

■ 70.1521, 0.4233,
0.4754

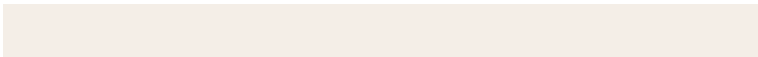
■ 68.5362, 0.4322,
0.4837

■ 67.0434, 0.4382,
0.4875

Harmonies

Analogous

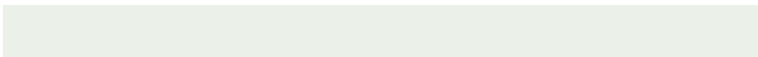
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0278, 0.3212, 0.3356



86.0278, 0.3183, 0.3371



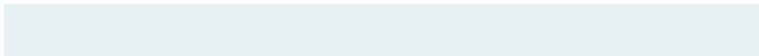
86.0278, 0.3139, 0.3364

Triad

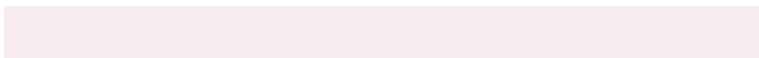
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0278, 0.3183, 0.3371



86.0278, 0.3037, 0.3255



86.0278, 0.3162, 0.3245

Complementary

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



86.0278, 0.3183, 0.3371



81.0163, 0.3071, 0.3208

Split Complementary

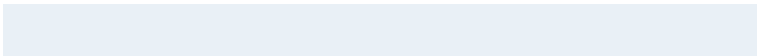
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0278, 0.3115, 0.3218



86.0278, 0.3183, 0.3371



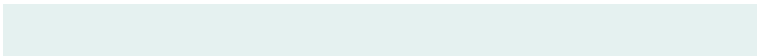
86.0278, 0.3043, 0.3224

Square

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



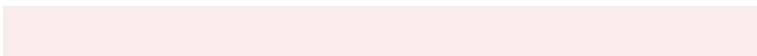
86.0278, 0.3183, 0.3371



86.0278, 0.3055, 0.3296



86.0278, 0.3071, 0.3210



86.0278, 0.3200, 0.3284

Rectangle

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



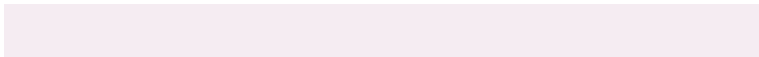
86.0278, 0.3183, 0.3371



86.0278, 0.3108, 0.3347



86.0278, 0.3071, 0.3210



86.0278, 0.3146, 0.3234

Sweetspot

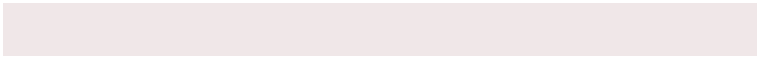
The Sweet Spot groups the original color and five complimentary colors.



86.0315, 0.3183, 0.3371



99.6544, 0.3142, 0.3312



81.5227, 0.3182, 0.3279



21.3338, 0.3141, 0.3311



0.0000, 0.0000, 0.0000



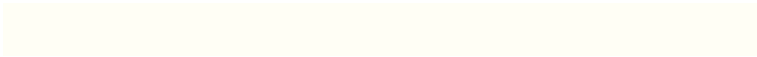
21.4041, 0.3127, 0.3290

Same Dimension

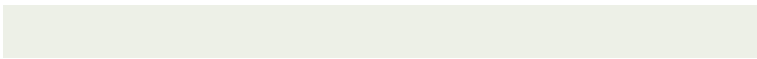
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0315, 0.3183, 0.3371



98.6324, 0.3187, 0.3377



86.0263, 0.3159, 0.3382



18.4300, 0.3198, 0.3393



36.3358, 0.4405, 0.4884



3.1083, 0.4373, 0.4910

Inverse Universe

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



81.0163, 0.3071, 0.3208



92.4742, 0.3067, 0.3202



81.0291, 0.3094, 0.3198



17.0748, 0.3055, 0.3185



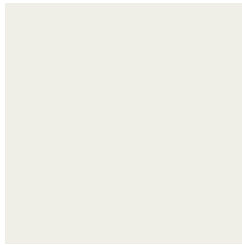
3.9656, 0.1523, 0.0681



0.4231, 0.1568, 0.0846

Previews

White Background



This preview shows how the Yxy color 86.0278, 0.3183, 0.3371 looks on a white background.

Color Contrast Check

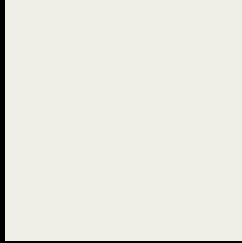
Large Text (above 18pt) WCAG AA × Fail

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 86.0278, 0.3183, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

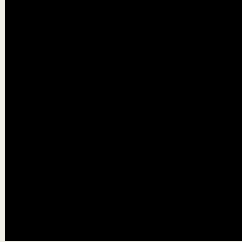
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

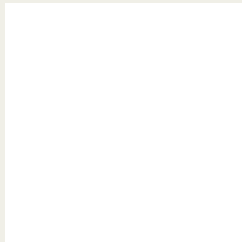
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0278, 0.3183, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 86.0278, 0.3183, 0.3371.

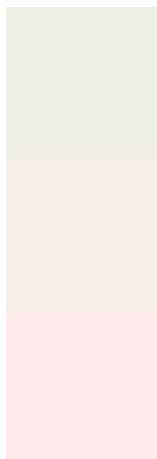


This preview shows how white text looks on a background with the Yxy color 86.0278, 0.3183, 0.3371.

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

86.0278, 0.3183, 0.3371

Protanopia

86.2747, 0.3224, 0.3371

Deuteranopia

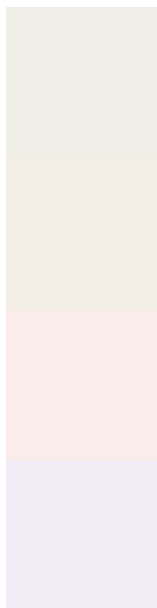
86.1038, 0.3264, 0.3281



Tritanopia

85.6271, 0.3063, 0.3102

Trichromacy



Original Color

86.0278, 0.3183, 0.3371

Protanomaly

85.9169, 0.3210, 0.3371

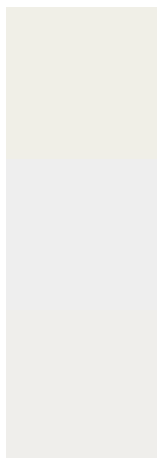
Deuteranomaly

86.2554, 0.3234, 0.3310

Tritanomaly

85.5220, 0.3105, 0.3190

Monochromacy



Original Color

86.0278, 0.3183, 0.3371

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.4980, 0.3152, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0278, 0.3183, 0.3371 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(240, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(240, 239, 231)  
}
```

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(240, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 231) }
```

Border

The CSS property to change the border of an element to Yxy 86.0278, 0.3183, 0.3371 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(240, 239, 231) }
```

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

```
.border{ border-color:rgb(240, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0278, 0.3183, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 231) }
```

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

```
.background{ background-color: rgb(240,  
239, 231) }
```

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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