

Converting Colors

$Yxy(86.3352, 0.3186, 0.3387)$

Have a look what the booklet for
Yxy(86.3352, 0.3186, 0.3387)
contains.

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Color

Yxy(86.5586, 0.3189, 0.3392)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0F0E6 |
| RGB | 240, 240, 230 |
| RGB Percent | 94%, 94%, 90% |
| CMY | 0.0587, 0.0588, 0.0982 |
| CMYK | 0.00, 0.00, 0.04, 0.06 |
| HSL | 60°, 25%, 92% |
| HSV | 60°, 4%, 94% |
| XYZ | 81.3784, 86.5586, 87.2476 |
| YIQ | 238.8600, 3.2100, -3.1100 |

Conversions

Conversions Part 2

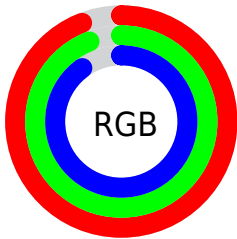
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 230, 240, 230 |
| Decimal | 15790310 |
| CIE Lab | 94.55, -1.73, 4.84 |
| CIE LCh | 95, 5.141, 109.669 |
| Yxy | 86.5586, 0.3189, 0.3392 |
| Android (android.graphics.Color) | 4293980390 (0xFFFF0F0E6) |
| YUV | 238.8600, -4.3680, 0.9998 |
| Hunter-Lab | 93.0369, -6.6825, 9.5252 |

Details

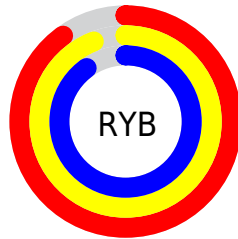
The Yxy color **86.5586, 0.3189, 0.3392** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.6877, 0.3064, 0.3186**, and the grayscale version is **86.2373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5665, 0.3198, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **85.2796, 0.3340, 0.3641**, and if you desaturate by 10%, it is **88.0307, 0.3044, 0.3152**.

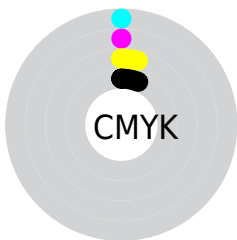
Distribution



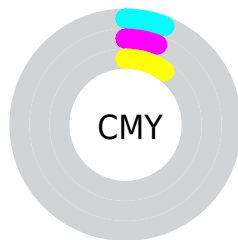
- Red (94%)
- Green (94%)
- Blue (90%)



- Red (90%)
- Yellow (94%)
- Blue (90%)



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



- Cyan (6%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.5586, 0.3189, 0.3392 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 86.5586, 0.3189, 0.3392 by changing the saturation by 10% instead.

86.5586, 0.3189,
0.3392

86.5586, 0.3189,
0.3392

516.7713, 0.3161,
0.3346

65.1300, 0.3195,
0.3402

142.5487, 0.3180,
0.3376

47.5665, 0.3203,
0.3415

177.8791, 0.3176,
0.3370

33.4837, 0.3212,
0.3430

218.6121, 0.3173,
0.3365

22.4973, 0.3224,
0.3450

265.1322, 0.3170,
0.3360

14.2227, 0.3240,
0.3477

317.8238, 0.3167,
0.3356

8.2757, 0.3262,
0.3515

377.0712, 0.3165,

4.2719, 0.3294,

0.3352

0.3571

443.2589, 0.3163,
0.3349

■ 1.8268, 0.3348,
0.3665

■ 0.5038, 0.3795,
0.4379

■ 86.5586, 0.3189,
0.3392

■ 86.5586, 0.3189,
0.3392

■ 85.2796, 0.3340,
0.3641

■ 88.0307, 0.3044,
0.3152

■ 84.1750, 0.3493,
0.3894

■ 88.1237, 0.3037,
0.3142


■ 83.2405, 0.3643,
0.4141

■ 88.1497, 0.3037,
0.3143

■ 82.4674, 0.3785,
0.4375


■ 88.1757, 0.3037,
0.3143

 81.8463, 0.3912,
0.4584

 88.2018, 0.3037,
0.3144

 81.3667, 0.4019,
0.4760

 88.2278, 0.3037,
0.3144


 81.0169, 0.4101,
0.4895

 88.2538, 0.3037,
0.3145

 80.7834, 0.4157,
0.4987

 88.2799, 0.3037,
0.3145

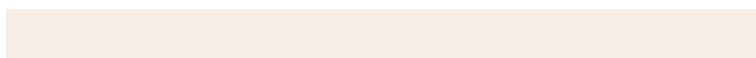
 80.6494, 0.4187,
0.5036

 88.3059, 0.3037,
0.3146

Harmonies

Analogous

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



86.5586, 0.3229, 0.3378



86.5586, 0.3189, 0.3392



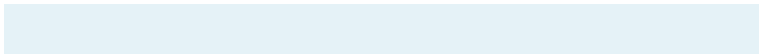
86.5586, 0.3132, 0.3378

Triad

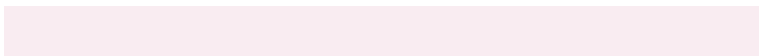
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5586, 0.3189, 0.3392



86.5586, 0.3014, 0.3238



86.5586, 0.3179, 0.3241

Complementary

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



86.5586, 0.3189, 0.3392



79.6877, 0.3064, 0.3186

Split Complementary

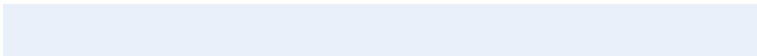
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5586, 0.3121, 0.3204



86.5586, 0.3189, 0.3392



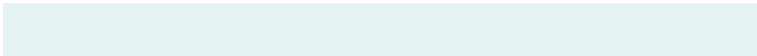
86.5586, 0.3026, 0.3202

Square

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



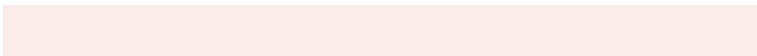
86.5586, 0.3189, 0.3392



86.5586, 0.3032, 0.3289



86.5586, 0.3065, 0.3190



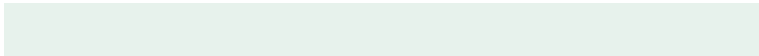
86.5586, 0.3224, 0.3290

Rectangle

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



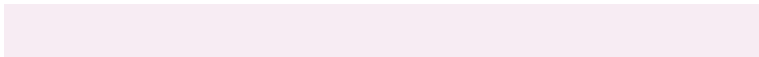
86.5586, 0.3189, 0.3392



86.5586, 0.3093, 0.3355



86.5586, 0.3065, 0.3190



86.5586, 0.3161, 0.3226

Sweetspot

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



86.5623, 0.3189, 0.3392



99.8338, 0.3142, 0.3314



80.8184, 0.3195, 0.3288



21.3703, 0.3141, 0.3313



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.



86.5623, 0.3189, 0.3392



99.1909, 0.3201, 0.3412



85.7330, 0.3157, 0.3393



18.5607, 0.3211, 0.3429



44.1162, 0.4196, 0.5050



3.6717, 0.4196, 0.5050

Inverse Universe

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



79.6877, 0.3064, 0.3186



89.8087, 0.3051, 0.3165



80.4935, 0.3097, 0.3187



16.5778, 0.3041, 0.3147



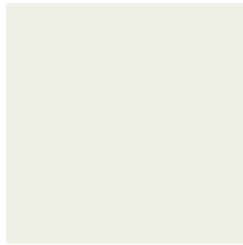
3.4513, 0.1500, 0.0601



0.2887, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 86.5586, 0.3189, 0.3392 looks on a white background.

Color Contrast Check

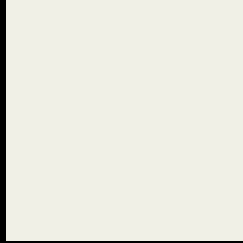
Large Text (above 18pt) WCAG AA × Fail

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 86.5586, 0.3189, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

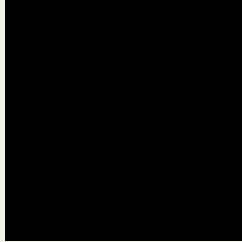
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

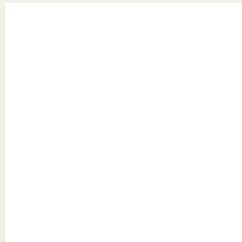
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.5586, 0.3189, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 86.5586, 0.3189, 0.3392.

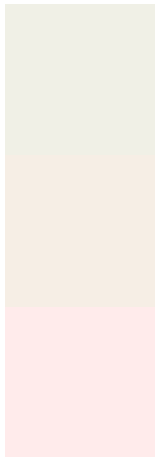


This preview shows how white text looks on a background with the Yxy color 86.5586, 0.3189, 0.3392.

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

86.5586, 0.3189, 0.3392

Protanopia

86.3990, 0.3237, 0.3381

Deuteranopia

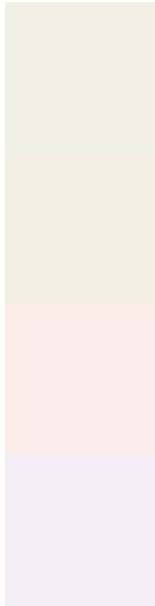
86.6748, 0.3263, 0.3290



Tritanopia

86.4440, 0.3064, 0.3103

Trichromacy



Original Color

86.5586, 0.3189, 0.3392

Protanomaly

86.6232, 0.3222, 0.3391

Deuteranomaly

86.7756, 0.3240, 0.3330

Tritanomaly

86.2769, 0.3112, 0.3200

Monochromacy



Original Color

86.5586, 0.3189, 0.3392

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.1399, 0.3146, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5586, 0.3189, 0.3392 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, 240, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 230)  
}
```

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, 240, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 230) }
```

Border

The CSS property to change the border of an element to Yxy 86.5586, 0.3189, 0.3392 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, 240, 230) }
```

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

```
.border{ border-color:rgb(240, 240, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 240, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5586, 0.3189, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 230) }
```

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

```
.background{ background-color: rgb(240,  
240, 230) }
```

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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