

Converting Colors

$Yxy(86.6043, 0.3247, 0.3422)$

Have a look what the booklet for
Yxy(86.6043, 0.3247, 0.3422)
contains.

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Color

Yxy(86.6365, 0.3248, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	F5EFE2
RGB	245, 239, 226
RGB Percent	96%, 94%, 89%
CMY	0.0392, 0.0627, 0.1136
CMYK	0.00, 0.02, 0.08, 0.04
HSL	41°, 49%, 92%
HSV	41°, 8%, 96%
XYZ	82.2553, 86.6365, 84.3573
YIQ	239.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

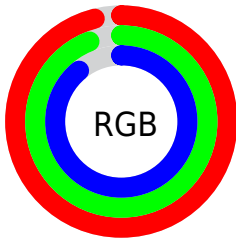
Format	Color
R _Y B	235, 245, 226
Decimal	16117730
CIE Lab	94.58, -0.17, 6.97
CIE LCh	95, 6.975, 91.429
Yxy	86.6365, 0.3248, 0.3421
Android (android.graphics.Color)	4294307810 (0xFF5EFE2)
YUV	239.3120, -6.5628, 4.9884
Hunter-Lab	93.0787, -5.1442, 11.4206

Details

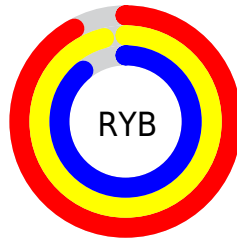
The Yxy color **86.6365, 0.3248, 0.3421** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.5003, 0.3007, 0.3155**, and the grayscale version is **86.6243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6261, 0.3275, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **80.9451, 0.3418, 0.3597**, and if you desaturate by 10%, it is **92.7226, 0.3094, 0.3253**.

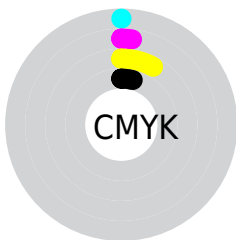
Distribution



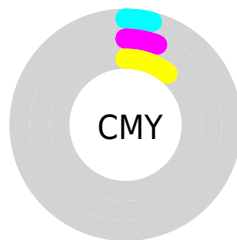
- Red (96%)
- Green (94%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.6365, 0.3248, 0.3421 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 86.6365, 0.3248, 0.3421 by changing the saturation by 10% instead.

 86.6365, 0.3248,
0.3421

 86.6365, 0.3248,
0.3421


517.0277, 0.3194,
0.3362

 65.1944, 0.3260,
0.3434


142.6574, 0.3229,
0.3401

 47.6188, 0.3275,
0.3450


178.0050, 0.3222,
0.3393

 33.5251, 0.3293,
0.3470


218.7565, 0.3216,
0.3386

 22.5290, 0.3316,
0.3495

265.2965, 0.3210,
0.3380

 14.2461, 0.3348,
0.3529

318.0091, 0.3206,
0.3375

 8.2920, 0.3391,
0.3576

377.2790, 0.3201,

 4.2824, 0.3456,

0.3370

0.3647

443.4904, 0.3197,
0.3366

■ 1.8327, 0.3561,
0.3762

■ 0.5075, 0.4550,
0.4830

■ 86.6365, 0.3248,
0.3421

■ 86.6365, 0.3248,
0.3421

■ 80.9451, 0.3418,
0.3597

■ 92.7226, 0.3094,
0.3253

■ 75.6264, 0.3603,
0.3779

■ 97.8440, 0.3066,
0.3285

■ 70.6733, 0.3801,
0.3959

■ 98.1543, 0.3066,
0.3290

■ 66.0736, 0.4007,
0.4130

■ 61.8147, 0.4215,
0.4282

■ 57.8825, 0.4415,
0.4404

■ 54.2614, 0.4598,
0.4485

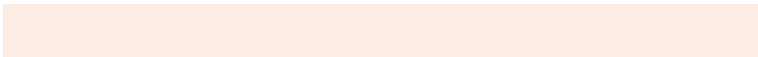
■ 50.9334, 0.4753,
0.4516

■ 47.8752, 0.4877,
0.4497

Harmonies

Analogous

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



86.6365, 0.3281, 0.3381



86.6365, 0.3248, 0.3421



86.6365, 0.3182, 0.3426

Triad

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



86.6365, 0.3248, 0.3421



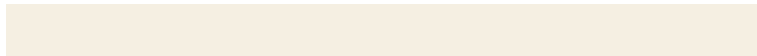
86.6365, 0.2984, 0.3260



86.6365, 0.3151, 0.3190

Complementary

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



86.6365, 0.3248, 0.3421



80.5003, 0.3007, 0.3155

Split Complementary

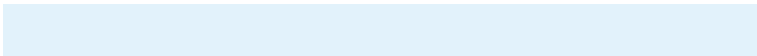
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6365, 0.3071, 0.3158



86.6365, 0.3248, 0.3421



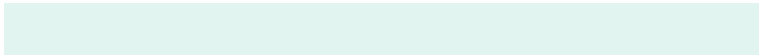
86.6365, 0.2975, 0.3197

Square

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



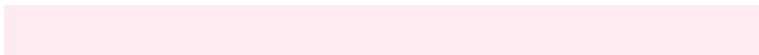
86.6365, 0.3248, 0.3421



86.6365, 0.3030, 0.3332



86.6365, 0.3007, 0.3160



86.6365, 0.3225, 0.3248

Rectangle

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



86.6365, 0.3248, 0.3421



86.6365, 0.3129, 0.3408



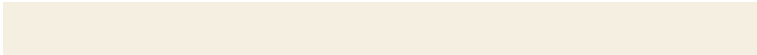
86.6365, 0.3007, 0.3160



86.6365, 0.3124, 0.3176

Sweetspot

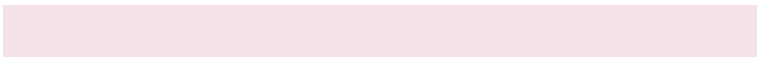
The Sweet Spot groups the original color and five complimentary colors.



86.6403, 0.3248, 0.3421



98.6501, 0.3157, 0.3323



79.6504, 0.3221, 0.3229



21.1294, 0.3156, 0.3322



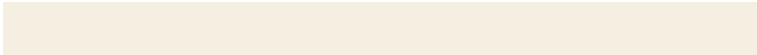
0.0000, 0.0000, 0.0000



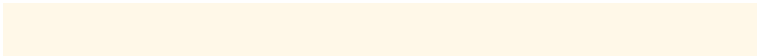
21.4041, 0.3127, 0.3290

Same Dimension

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



86.6403, 0.3248, 0.3421



94.0609, 0.3269, 0.3443



89.5975, 0.3219, 0.3482



18.3770, 0.3276, 0.3451



25.6940, 0.4888, 0.4501



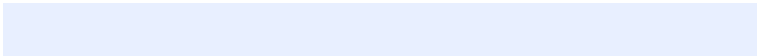
2.4424, 0.4779, 0.4587

Inverse Universe

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



80.5003, 0.3007, 0.3155



86.3019, 0.2987, 0.3132



77.7425, 0.3031, 0.3094



16.7828, 0.2980, 0.3124



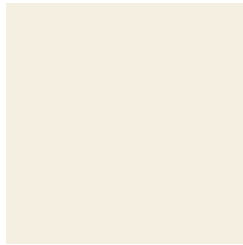
6.6721, 0.1621, 0.1036



0.7634, 0.1690, 0.1282

Previews

White Background



This preview shows how the Yxy color 86.6365, 0.3248, 0.3421 looks on a white background.

Color Contrast Check

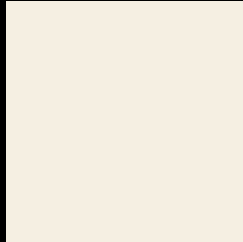
Large Text (above 18pt) WCAG AA × Fail

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 86.6365, 0.3248, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

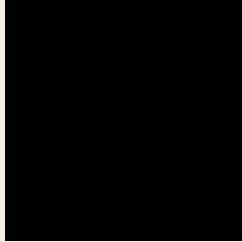
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

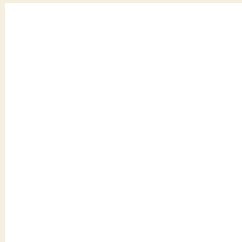
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6365, 0.3248, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 86.6365, 0.3248, 0.3421.

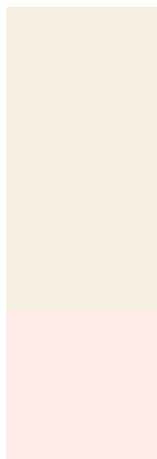


This preview shows how white text looks on a background with the Yxy color 86.6365, 0.3248, 0.3421.

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

86.6365, 0.3248, 0.3421

Protanopia

86.4142, 0.3263, 0.3411

Deuteranopia

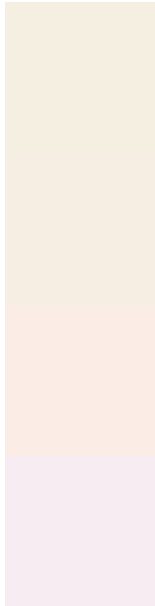
86.5599, 0.3276, 0.3310



Tritanopia

86.6482, 0.3109, 0.3114

Trichromacy



Original Color

86.6365, 0.3248, 0.3421

Protanomaly

86.2329, 0.3256, 0.3411

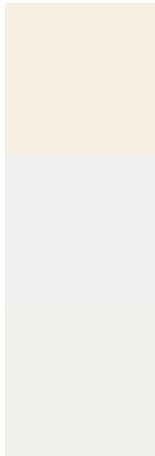
Deuteranomaly

86.2133, 0.3266, 0.3350

Tritanomaly

86.4184, 0.3164, 0.3221

Monochromacy



Original Color

86.6365, 0.3248, 0.3421

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3743, 0.3171, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6365, 0.3248, 0.3421 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(245, 239, 226)` looks like.

```
.text, #text, p{  
    color:rgb(245, 239, 226)  
}
```

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(245, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 226) }
```

Border

The CSS property to change the border of an element to Yxy 86.6365, 0.3248, 0.3421 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(245, 239, 226) }
```

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

```
.border{ border-color:rgb(245, 239, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 239, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 239, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 239, 226); box-shadow:4px 4px 4px 4px rgb(245, 239, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6365, 0.3248, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 226) }
```

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

```
.background{ background-color: rgb(245,  
239, 226) }
```

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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