

Converting Colors

$Yxy(85.6208, 0.3244, 0.3377)$

Have a look what the booklet for
Yxy(85.6208, 0.3244, 0.3377)
contains.

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Color

Yxy(85.7626, 0.3244, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	F6EDE4
RGB	246, 237, 228
RGB Percent	96%, 93%, 89%
CMY	0.0354, 0.0705, 0.1059
CMYK	0.00, 0.04, 0.07, 0.04
HSL	30°, 50%, 93%
HSV	30°, 7%, 96%
XYZ	82.2875, 85.7626, 85.6104
YIQ	238.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

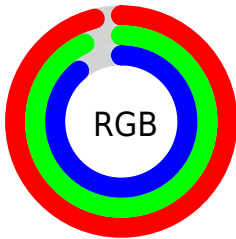
Format	Color
RYB	246, 246, 228
Decimal	16182756
CIELab	94.21, 1.50, 5.42
CIELCh	94, 5.627, 74.578
Yxy	85.7626, 0.3244, 0.3381
Android (android.graphics.Color)	4294372836 (0xFFFF6EDE4)
YUV	238.6650, -5.2578, 6.4328
Hunter-Lab	92.6081, -3.4570, 10.0158

Details

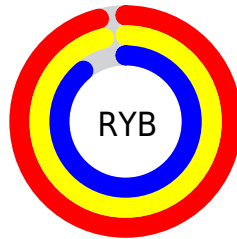
The Yxy color **85.7626, 0.3244, 0.3381** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6916, 0.3014, 0.3197**, and the grayscale version is **86.0794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0120, 0.3270, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **77.6351, 0.3424, 0.3512**, and if you desaturate by 10%, it is **94.5776, 0.3087, 0.3258**.

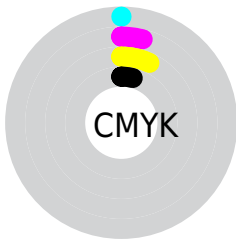
Distribution



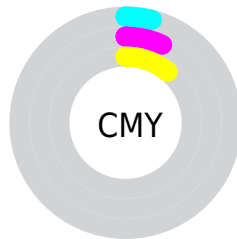
- Red (96%)
- Green (93%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.7626, 0.3244, 0.3381 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 85.7626, 0.3244, 0.3381 by changing the saturation by 10% instead.

 85.7626, 0.3244,
0.3381

 85.7626, 0.3244,
0.3381


514.1481, 0.3191,
0.3340

 64.4717, 0.3256,
0.3390

141.4382, 0.3226,
0.3367

 47.0328, 0.3270,
0.3401


176.5916, 0.3219,
0.3362

 33.0616, 0.3288,
0.3415


217.1346, 0.3213,
0.3357

 22.1736, 0.3311,
0.3432

263.4517, 0.3207,
0.3353

 13.9845, 0.3341,
0.3456

315.9272, 0.3203,
0.3349

 8.1099, 0.3384,
0.3488

374.9455, 0.3199,

 4.1654, 0.3449,

0.3346

0.3536

440.8910, 0.3195,
0.3343

■ 1.7665, 0.3555,
0.3615

■ 0.4662, 0.4465,
0.4340

■ 85.7626, 0.3244,
0.3381

■ 85.7626, 0.3244,
0.3381

■ 77.6351, 0.3424,
0.3512

■ 94.5776, 0.3087,
0.3258

■ 70.1661, 0.3628,
0.3648

■ 98.3292, 0.3072,
0.3290

■ 63.3408, 0.3857,
0.3784

■ 57.1393, 0.4109,
0.3915

■ 51.5407, 0.4379,
0.4029

■ 46.5226, 0.4657,
0.4116

■ 42.0604, 0.4927,
0.4161

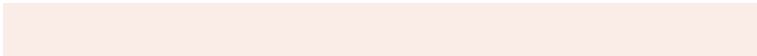
■ 38.1270, 0.5173,
0.4155

■ 34.6900, 0.5378,
0.4093

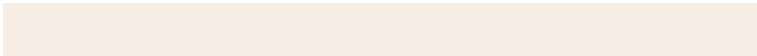
Harmonies

Analogous

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



85.7626, 0.3252, 0.3337



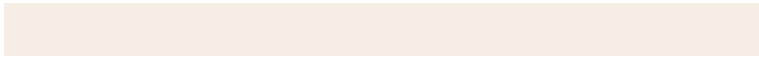
85.7626, 0.3244, 0.3381



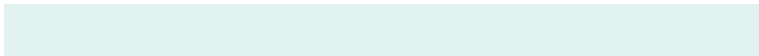
85.7626, 0.3204, 0.3402

Triad

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



85.7626, 0.3244, 0.3381



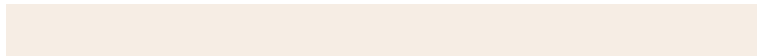
85.7626, 0.3029, 0.3299



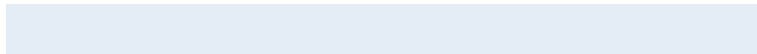
85.7626, 0.3109, 0.3191

Complementary

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



85.7626, 0.3244, 0.3381



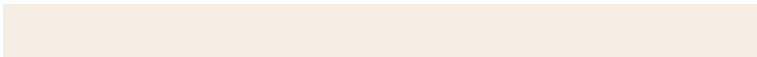
83.6916, 0.3014, 0.3197

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.



85.7626, 0.3050, 0.3181



85.7626, 0.3244, 0.3381



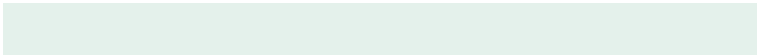
85.7626, 0.3004, 0.3242

Square

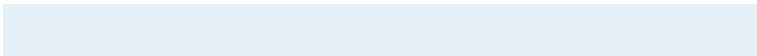
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7626, 0.3244, 0.3381



85.7626, 0.3080, 0.3354



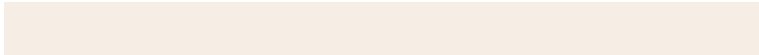
85.7626, 0.3012, 0.3199



85.7626, 0.3174, 0.3228

Rectangle

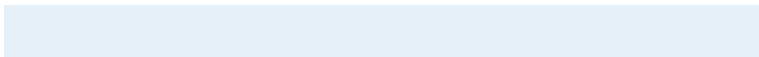
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7626, 0.3244, 0.3381



85.7626, 0.3165, 0.3398



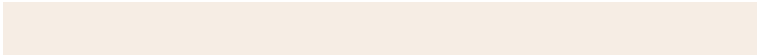
85.7626, 0.3012, 0.3199



85.7626, 0.3088, 0.3185

Sweetspot

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



85.7663, 0.3244, 0.3381



98.0643, 0.3158, 0.3315



81.1867, 0.3193, 0.3200



21.0102, 0.3156, 0.3313



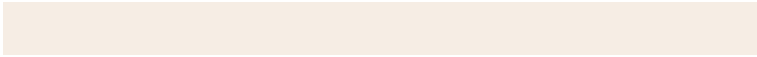
0.0000, 0.0000, 0.0000



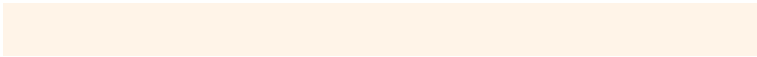
21.4041, 0.3127, 0.3290

Same Dimension

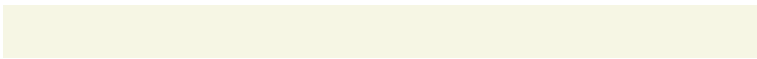
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7663, 0.3244, 0.3381



91.5248, 0.3273, 0.3403



91.0896, 0.3236, 0.3470



17.8556, 0.3281, 0.3409



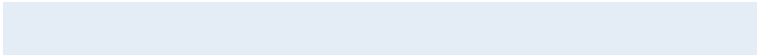
18.3471, 0.5404, 0.4091



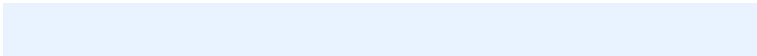
1.8181, 0.5211, 0.4244

Inverse Universe

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



83.6916, 0.3014, 0.3197



88.7802, 0.2987, 0.3175



78.6295, 0.3015, 0.3104



17.2917, 0.2980, 0.3168



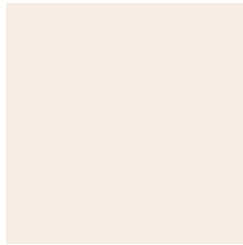
11.3463, 0.1770, 0.1572



1.2027, 0.1833, 0.1799

Previews

White Background



This preview shows how the Yxy color 85.7626, 0.3244, 0.3381 looks on a white background.

Color Contrast Check

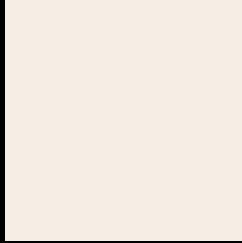
Large Text (above 18pt) WCAG AA × Fail

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 85.7626, 0.3244, 0.3381 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

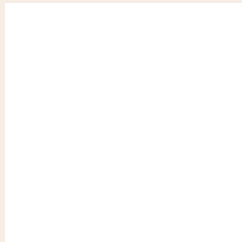
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7626, 0.3244, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 85.7626, 0.3244, 0.3381.

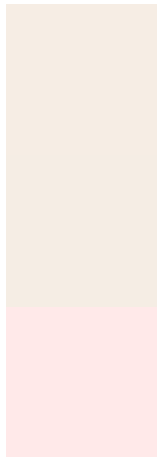


This preview shows how white text looks on a background with the Yxy color 85.7626, 0.3244, 0.3381.

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

85.7626, 0.3244, 0.3381

Protanopia

85.5823, 0.3237, 0.3381

Deuteranopia

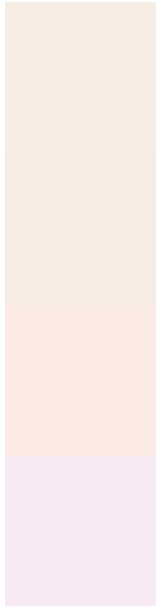
85.4210, 0.3278, 0.3290



Tritanopia

85.4458, 0.3116, 0.3104

Trichromacy



Original Color

85.7626, 0.3244, 0.3381

Protanomaly

85.5823, 0.3237, 0.3381

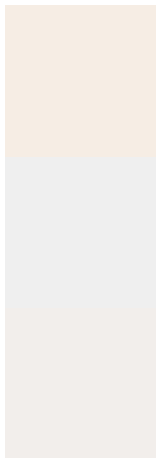
Deuteranomaly

85.3106, 0.3269, 0.3320

Tritanomaly

85.2732, 0.3165, 0.3201

Monochromacy



Original Color

85.7626, 0.3244, 0.3381

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.0245, 0.3172, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7626, 0.3244, 0.3381 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(246, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 228)  
}
```

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(246, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 228) }
```

Border

The CSS property to change the border of an element to Yxy 85.7626, 0.3244, 0.3381 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(246, 237, 228) }
```

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

```
.border{ border-color:rgb(246, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 228);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7626, 0.3244, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 228) }
```

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

```
.background{ background-color: rgb(246,  
237, 228) }
```

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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