

Converting Colors

$Y_{xy}(86.1823, 0.3285, 0.3444)$

Have a look what the booklet for
Yxy(86.1823, 0.3285, 0.3444)
contains.

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Color

Yxy(86.2509, 0.3282, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	F7EEDF
RGB	247, 238, 223
RGB Percent	97%, 93%, 87%
CMY	0.0312, 0.0667, 0.1254
CMYK	0.00, 0.04, 0.10, 0.03
HSL	37°, 60%, 92%
HSV	37°, 10%, 97%
XYZ	82.2655, 86.2509, 82.1401
YIQ	238.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

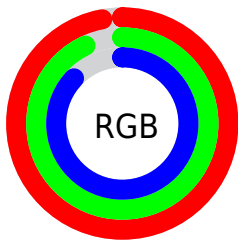
Format	Color
R _Y B	237, 247, 223
Decimal	16248543
CIE Lab	94.42, 0.55, 8.31
CIE LCh	94, 8.331, 86.188
Yxy	86.2509, 0.3282, 0.3441
Android (android.graphics.Color)	4294438623 (0xFFFF7EEDF)
YUV	238.9810, -7.8786, 7.0327
Hunter-Lab	92.8714, -4.4096, 12.5709

Details

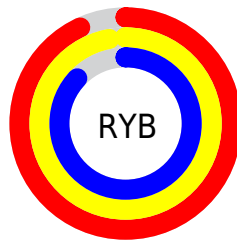
The Yxy color **86.2509, 0.3282, 0.3441** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.1677, 0.2976, 0.3134**, and the grayscale version is **86.3651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3594, 0.3319, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **79.7347, 0.3459, 0.3604**, and if you desaturate by 10%, it is **93.2496, 0.3123, 0.3286**.

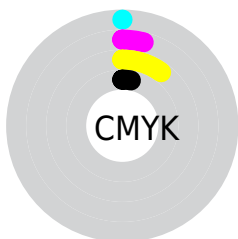
Distribution



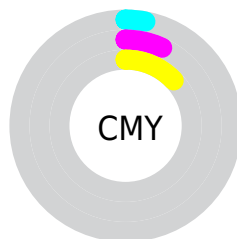
- Red (97%)
- Green (93%)
- Blue (87%)



- Red (93%)
- Yellow (97%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (3%)




- Cyan (3%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2509, 0.3282, 0.3441 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 86.2509, 0.3282, 0.3441 by changing the saturation by 10% instead.


 86.2509, 0.3282,
0.3441

 86.2509, 0.3282,
0.3441

515.7582, 0.3212,
0.3373

 64.8755, 0.3297,
0.3456

142.1196, 0.3258,
0.3418

 47.3601, 0.3316,
0.3474


177.3816, 0.3249,
0.3409

 33.3204, 0.3340,
0.3497


218.0412, 0.3241,
0.3401

 22.3720, 0.3370,
0.3526

264.4830, 0.3234,
0.3394

 14.1305, 0.3410,
0.3565

317.0911, 0.3227,
0.3388

 8.2115, 0.3466,
0.3619

376.2501, 0.3222,

 4.2306, 0.3549,

0.3383

0.3699

442.3443, 0.3217,
0.3378

■ 1.8034, 0.3686,
0.3829

■ 0.4893, 0.4945,
0.5055

■ 86.2509, 0.3282,
0.3441

■ 86.2509, 0.3282,
0.3441

■ 79.7347, 0.3459,
0.3604

■ 93.2496, 0.3123,
0.3286

■ 73.6771, 0.3654,
0.3771

■ 98.5223, 0.3078,
0.3290

■ 68.0686, 0.3866,
0.3936

■ 62.8950, 0.4089,
0.4092

■ 58.1412, 0.4317,
0.4227

■ 53.7906, 0.4540,
0.4331

■ 49.8249, 0.4746,
0.4390

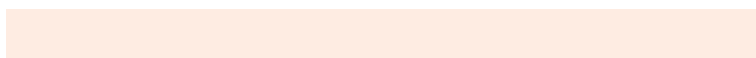
■ 46.2230, 0.4923,
0.4398

■ 42.9537, 0.5068,
0.4357

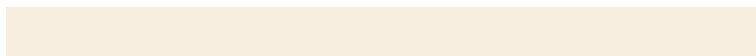
Harmonies

Analogous

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



86.2509, 0.3314, 0.3387



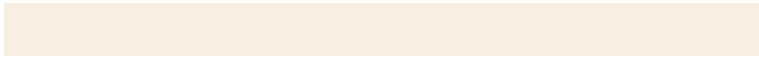
86.2509, 0.3282, 0.3441



86.2509, 0.3209, 0.3455

Triad

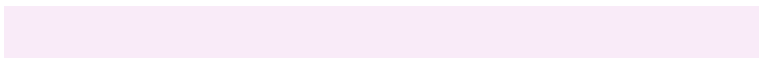
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2509, 0.3282, 0.3441



86.2509, 0.2962, 0.3268



86.2509, 0.3138, 0.3162

Complementary

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



86.2509, 0.3282, 0.3441



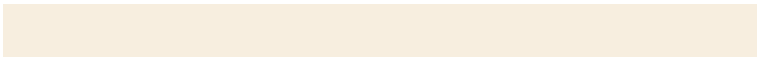
80.1677, 0.2976, 0.3134

Split Complementary

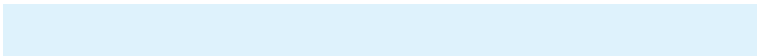
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2509, 0.3044, 0.3130



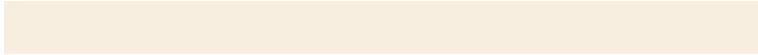
86.2509, 0.3282, 0.3441



86.2509, 0.2944, 0.3190

Square

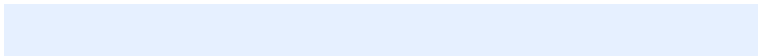
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2509, 0.3282, 0.3441



86.2509, 0.3024, 0.3355



86.2509, 0.2974, 0.3140



86.2509, 0.3230, 0.3226

Rectangle

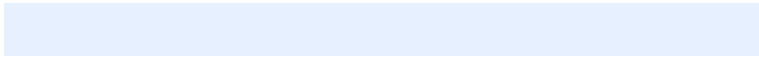
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2509, 0.3282, 0.3441



86.2509, 0.3146, 0.3439



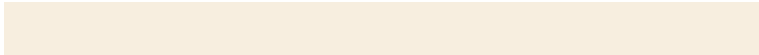
86.2509, 0.2974, 0.3140



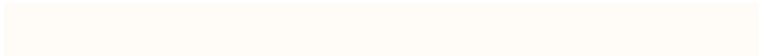
86.2509, 0.3106, 0.3147

Sweetspot

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



86.2547, 0.3282, 0.3441



97.6909, 0.3173, 0.3336



78.4100, 0.3236, 0.3197



20.7795, 0.3186, 0.3348



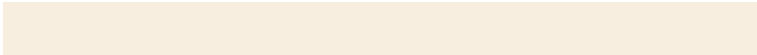
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



86.2547, 0.3282, 0.3441



91.0435, 0.3321, 0.3478



91.1545, 0.3254, 0.3531



18.2026, 0.3278, 0.3437



22.9440, 0.5053, 0.4370



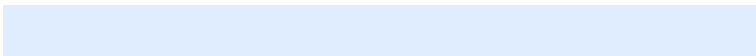
2.2139, 0.4916, 0.4478

Inverse Universe

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



80.1677, 0.2976, 0.3134



83.0847, 0.2939, 0.3095



75.6472, 0.2994, 0.3040



16.9503, 0.2980, 0.3138



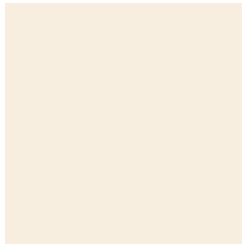
7.9532, 0.1666, 0.1196



0.8901, 0.1735, 0.1444

Previews

White Background



This preview shows how the Yxy color 86.2509, 0.3282, 0.3441 looks on a white background.

Color Contrast Check

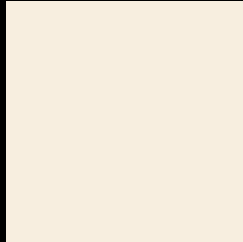
Large Text (above 18pt) WCAG AA × Fail

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 86.2509, 0.3282, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

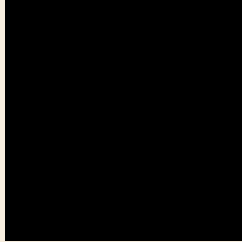
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

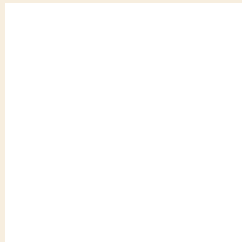
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2509, 0.3282, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 86.2509, 0.3282, 0.3441.

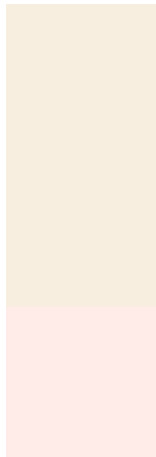


This preview shows how white text looks on a background with the Yxy color 86.2509, 0.3282, 0.3441.

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

86.2509, 0.3282, 0.3441

Protanopia

86.2509, 0.3282, 0.3441

Deuteranopia

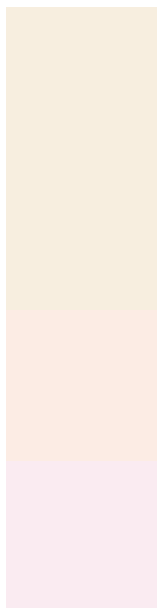
86.4462, 0.3289, 0.3330



Tritanopia

86.3831, 0.3129, 0.3115

Trichromacy



Original Color

86.2509, 0.3282, 0.3441

Protanomaly

86.2509, 0.3282, 0.3441

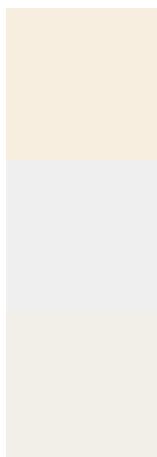
Deuteranomaly

86.2878, 0.3286, 0.3370

Tritanomaly

86.0915, 0.3190, 0.3231

Monochromacy



Original Color

86.2509, 0.3282, 0.3441

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.4934, 0.3184, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2509, 0.3282, 0.3441 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(247, 238, 223)` looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 223)  
}
```

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(247, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 223) }
```

Border

The CSS property to change the border of an element to Yxy 86.2509, 0.3282, 0.3441 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(247, 238, 223) }
```

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

```
.border{ border-color:rgb(247, 238, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 238, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2509, 0.3282, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 223) }
```

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

```
.background{ background-color: rgb(247,  
238, 223) }
```

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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