

Converting Colors

$Yxy(86.6136, 0.3373, 0.3478)$

Have a look what the booklet for
Yxy(86.6136, 0.3373, 0.3478)
contains.

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Color

Yxy(86.8903, 0.3371, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDDA
RGB	255, 237, 218
RGB Percent	100%, 93%, 85%
CMY	0.0000, 0.0706, 0.1450
CMYK	0.00, 0.07, 0.15, 0.00
HSL	31°, 100%, 93%
HSV	31°, 15%, 100%
XYZ	84.1929, 86.8903, 78.6733
YIQ	240.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

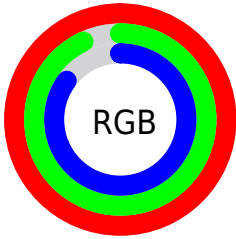
Format	Color
R _Y B	253, 255, 218
Decimal	16772570
CIE Lab	94.69, 3.07, 11.38
CIE LCh	95, 11.788, 74.887
Yxy	86.8903, 0.3371, 0.3479
Android (android.graphics.Color)	4294962650 (0xFFFFE2DA)
YUV	240.2160, -10.9525, 12.9656
Hunter-Lab	93.2150, -1.9027, 15.2098

Details

The Yxy color **86.8903, 0.3371, 0.3479** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1336, 0.2899, 0.3093**, and the grayscale version is **87.3887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6979, 0.3425, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **78.7082, 0.3567, 0.3617**, and if you desaturate by 10%, it is **95.7659, 0.3198, 0.3347**.

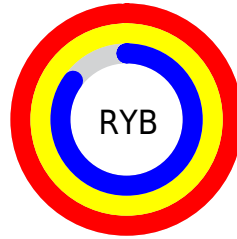
Distribution



Red (100%)

Green (93%)

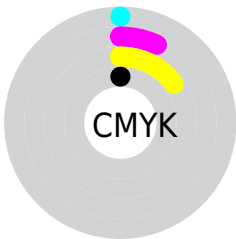
Blue (85%)



Red (99%)

Yellow (100%)

Blue (85%)

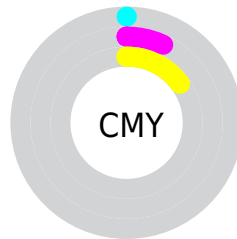


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.8903, 0.3371, 0.3479 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 86.8903, 0.3371, 0.3479 by changing the saturation by 10% instead.


 86.8903, 0.3371,
0.3479

 86.8903, 0.3371,
0.3479

517.8623, 0.3261,
0.3395

 65.4044, 0.3395,
0.3497


143.0112, 0.3334,
0.3450

 47.7891, 0.3425,
0.3520


178.4151, 0.3319,
0.3439

 33.6599, 0.3462,
0.3548


219.2270, 0.3306,
0.3429

 22.6324, 0.3510,
0.3583

265.8315, 0.3295,
0.3421

 14.3223, 0.3573,
0.3630

318.6129, 0.3285,
0.3413

 8.3452, 0.3661,
0.3693

377.9555, 0.3276,

 4.3166, 0.3791,

0.3406

0.3786

444.2439, 0.3268,
0.3400

■ 1.8522, 0.4001,
0.3930

■ 0.5194, 0.5227,
0.4773

■ 86.8903, 0.3371,
0.3479

■ 86.8903, 0.3371,
0.3479

■ 78.7082, 0.3567,
0.3617

■ 95.7659, 0.3198,
0.3347

■ 71.2150, 0.3788,
0.3757

100.0000, 0.3127,
0.3290

■ 64.3854, 0.4032,
0.3893

■ 58.1978, 0.4294,
0.4016

■ 52.6289, 0.4567,
0.4114

■ 47.6536, 0.4836,
0.4175

■ 43.2440, 0.5084,
0.4185

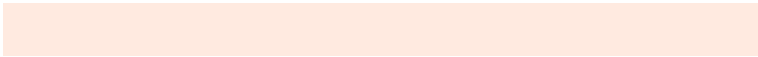
■ 39.3683, 0.5296,
0.4140

■ 37.4454, 0.5397,
0.4097

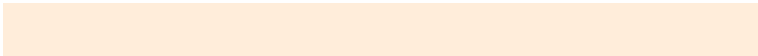
Harmonies

Analogous

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



86.8903, 0.3390, 0.3385



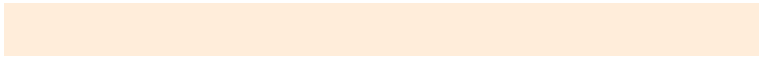
86.8903, 0.3371, 0.3479



86.8903, 0.3286, 0.3524

Triad

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



86.8903, 0.3371, 0.3479



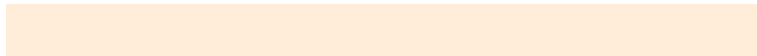
86.8903, 0.2922, 0.3305



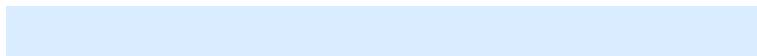
86.8903, 0.3090, 0.3087

Complementary

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



86.8903, 0.3371, 0.3479



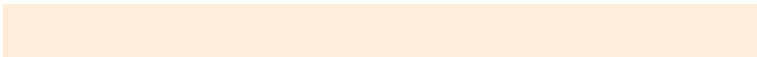
82.1336, 0.2899, 0.3093

Split Complementary

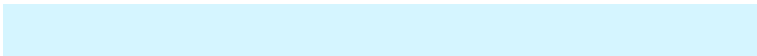
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8903, 0.2967, 0.3063



86.8903, 0.3371, 0.3479



86.8903, 0.2872, 0.3186

Square

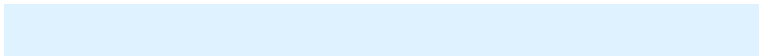
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8903, 0.3371, 0.3479



86.8903, 0.3026, 0.3423



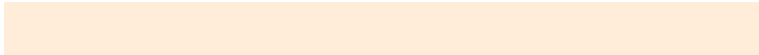
86.8903, 0.2888, 0.3098



86.8903, 0.3226, 0.3162

Rectangle

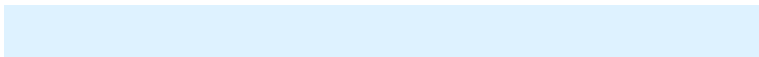
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.8903, 0.3371, 0.3479



86.8903, 0.3204, 0.3518



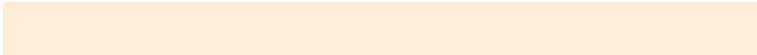
86.8903, 0.2888, 0.3098



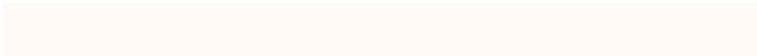
86.8903, 0.3046, 0.3073

Sweetspot

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



86.8854, 0.3371, 0.3479



96.2321, 0.3190, 0.3341



77.4967, 0.3269, 0.3107



20.4487, 0.3202, 0.3350



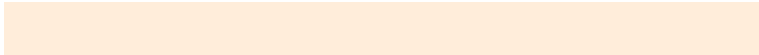
0.0000, 0.0000, 0.0000



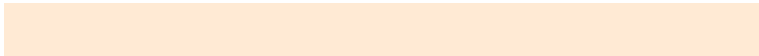
21.4041, 0.3127, 0.3290

Same Dimension

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



86.8854, 0.3371, 0.3479



84.7789, 0.3417, 0.3513



97.8428, 0.3345, 0.3651



19.5282, 0.3281, 0.3412



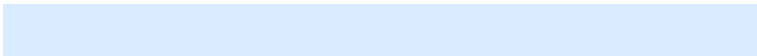
19.8663, 0.5372, 0.4116



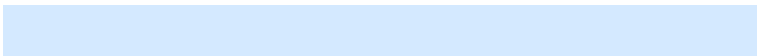
2.1531, 0.5201, 0.4252

Inverse Universe

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



82.1336, 0.2899, 0.3093



79.3070, 0.2858, 0.3056



72.2788, 0.2892, 0.2902



18.8380, 0.2979, 0.3165



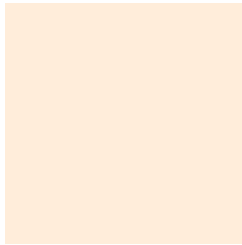
11.6245, 0.1759, 0.1530



1.3496, 0.1817, 0.1739

Previews

White Background



This preview shows how the Yxy color 86.8903, 0.3371, 0.3479 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 86.8903, 0.3371, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

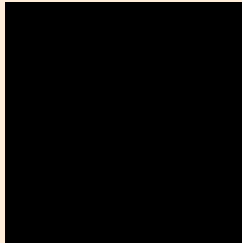
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.8903, 0.3371, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 86.8903, 0.3371, 0.3479.

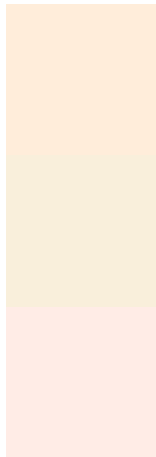


This preview shows how white text looks on a background with the Yxy color 86.8903, 0.3371, 0.3479.

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

86.8903, 0.3371, 0.3479

Protanopia

86.9872, 0.3320, 0.3491

Deuteranopia

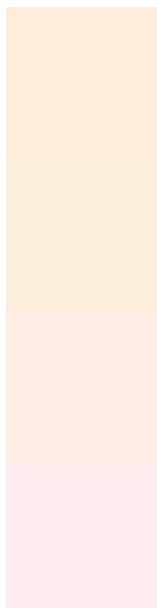
86.9641, 0.3294, 0.3350



Tritanopia

86.8829, 0.3180, 0.3154

Trichromacy



Original Color

86.8903, 0.3371, 0.3479

Protanomaly

86.7728, 0.3335, 0.3481

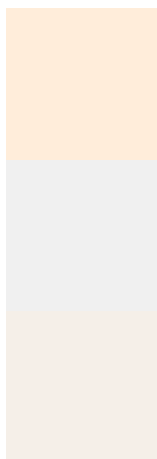
Deuteranomaly

86.7419, 0.3320, 0.3389

Tritanomaly

86.7911, 0.3250, 0.3271

Monochromacy



Original Color

86.8903, 0.3371, 0.3479

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.9717, 0.3210, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.8903, 0.3371, 0.3479 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(255, 237, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 218)  
}
```

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(255, 237, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 218) }
```

Border

The CSS property to change the border of an element to Yxy 86.8903, 0.3371, 0.3479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

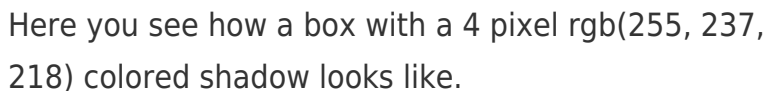
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 237, 218) }
```

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

```
.border{ border-color:rgb(255, 237, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 237, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 237, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 237, 218); box-shadow:4px 4px 4px 4px rgb(255, 237, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 86.8903, 0.3371, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 218) }
```

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

```
.background{ background-color: rgb(255,  
237, 218) }
```

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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