

Converting Colors

$Y_{xy}(86.5400, 0.3290, 0.3415)$

Have a look what the booklet for
Yxy(86.5400, 0.3290, 0.3415)
contains.

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Color

Yxy(86.3286, 0.3291, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	FAEDE1
RGB	250, 237, 225
RGB Percent	98%, 93%, 88%
CMY	0.0194, 0.0706, 0.1176
CMYK	0.00, 0.05, 0.10, 0.02
HSL	29°, 72%, 93%
HSV	29°, 10%, 98%
XYZ	83.3160, 86.3286, 83.5185
YIQ	239.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

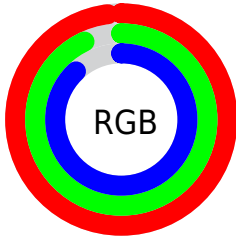
Format	Color
R _Y B	250, 248, 225
Decimal	16444897
CIE Lab	94.45, 2.43, 7.36
CIE LCh	94, 7.748, 71.717
Yxy	86.3286, 0.3291, 0.3410
Android (android.graphics.Color)	4294634977 (0xFFFAEDE1)
YUV	239.5190, -7.1579, 9.1918
Hunter-Lab	92.9132, -2.5358, 11.7442

Details

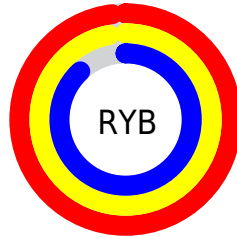
The Yxy color **86.3286, 0.3291, 0.3410** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.1178, 0.2971, 0.3167**, and the grayscale version is **86.8006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2875, 0.3322, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **77.7804, 0.3479, 0.3537**, and if you desaturate by 10%, it is **95.6345, 0.3127, 0.3290**.

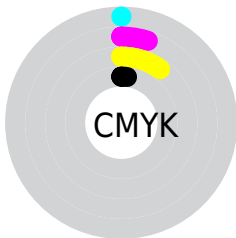
Distribution



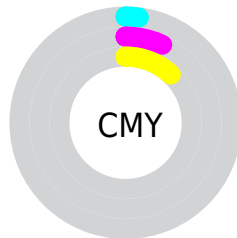
- Red (98%)
- Green (93%)
- Blue (88%)



- Red (98%)
- Yellow (97%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3286, 0.3291, 0.3410 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 86.3286, 0.3291, 0.3410 by changing the saturation by 10% instead.


 86.3286, 0.3291,
0.3410

 86.3286, 0.3291,
0.3410


516.0141, 0.3217,
0.3357

 64.9397, 0.3307,
0.3422


142.2280, 0.3266,
0.3392

 47.4122, 0.3327,
0.3436


177.5072, 0.3256,
0.3385

 33.3616, 0.3352,
0.3454

218.1854, 0.3247,
0.3378

 22.4036, 0.3385,
0.3477

264.6469, 0.3240,
0.3373

 14.1538, 0.3427,
0.3507

317.2762, 0.3233,
0.3368

 8.2277, 0.3487,
0.3549

376.4575, 0.3227,

 4.2410, 0.3577,

0.3364

0.3610

442.5754, 0.3222,
0.3360

■ 1.8093, 0.3724,
0.3708

■ 0.4929, 0.5060,
0.4725

■ 86.3286, 0.3291,
0.3410

■ 86.3286, 0.3291,
0.3410

■ 77.7804, 0.3479,
0.3537

■ 95.6345, 0.3127,
0.3290

■ 69.9583, 0.3693,
0.3667

■ 99.0746, 0.3097,
0.3290

■ 62.8448, 0.3934,
0.3797

■ 56.4173, 0.4199,
0.3919

■ 50.6520, 0.4481,
0.4022

■ 45.5230, 0.4770,
0.4093

■ 41.0022, 0.5048,
0.4120

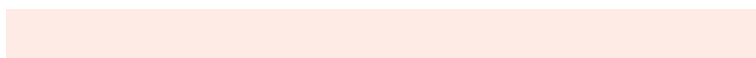
■ 37.0583, 0.5295,
0.4093

■ 33.6520, 0.5500,
0.4015

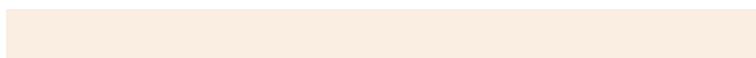
Harmonies

Analogous

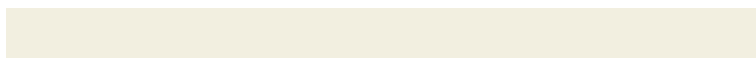
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3286, 0.3298, 0.3346



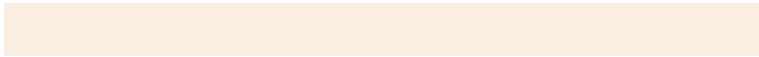
86.3286, 0.3291, 0.3410



86.3286, 0.3240, 0.3442

Triad

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



86.3286, 0.3291, 0.3410



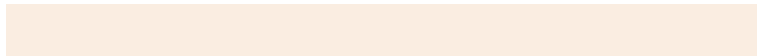
86.3286, 0.2997, 0.3309



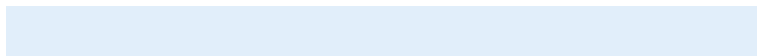
86.3286, 0.3094, 0.3152

Complementary

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



86.3286, 0.3291, 0.3410



84.1178, 0.2971, 0.3167

Split Complementary

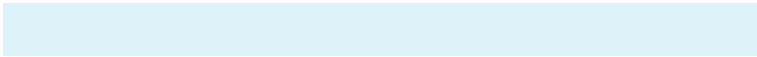
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3286, 0.3015, 0.3141



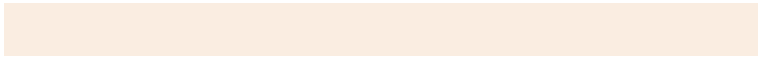
86.3286, 0.3291, 0.3410



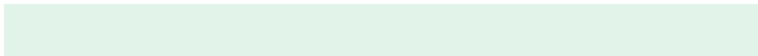
86.3286, 0.2960, 0.3230

Square

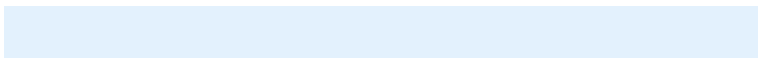
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3286, 0.3291, 0.3410



86.3286, 0.3070, 0.3384



86.3286, 0.2966, 0.3169



86.3286, 0.3183, 0.3199

Rectangle

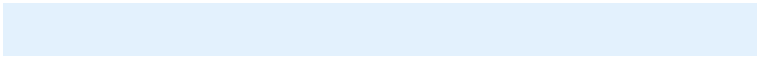
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3286, 0.3291, 0.3410



86.3286, 0.3188, 0.3441



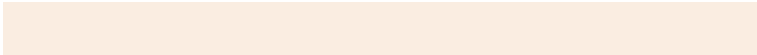
86.3286, 0.2966, 0.3169



86.3286, 0.3065, 0.3144

Sweetspot

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



86.3324, 0.3291, 0.3410



96.9954, 0.3174, 0.3325



80.3903, 0.3215, 0.3157



20.5917, 0.3187, 0.3335



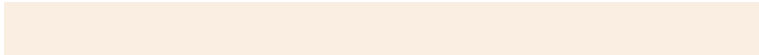
0.0000, 0.0000, 0.0000



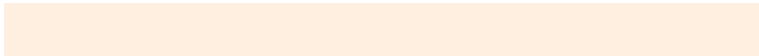
21.4041, 0.3127, 0.3290

Same Dimension

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



86.3324, 0.3291, 0.3410



88.4116, 0.3327, 0.3435



93.6609, 0.3278, 0.3529



18.5939, 0.3282, 0.3404



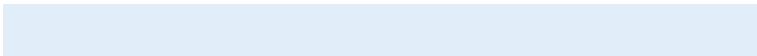
18.1253, 0.5474, 0.4036



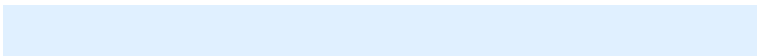
1.8896, 0.5281, 0.4189

Inverse Universe

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



84.1178, 0.2971, 0.3167



85.6721, 0.2940, 0.3141



77.2296, 0.2970, 0.3039



18.1424, 0.2980, 0.3174



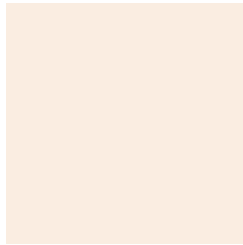
12.4918, 0.1792, 0.1650



1.3693, 0.1850, 0.1859

Previews

White Background



This preview shows how the Yxy color 86.3286, 0.3291, 0.3410 looks on a white background.

Color Contrast Check

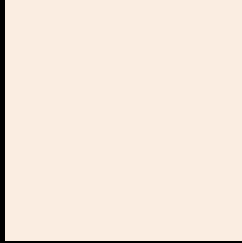
Large Text (above 18pt) WCAG AA × Fail

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 86.3286, 0.3291, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

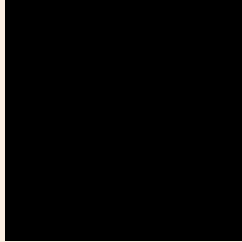
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.3286, 0.3291, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 86.3286, 0.3291, 0.3410.

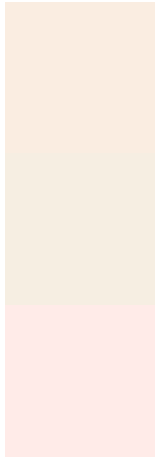


This preview shows how white text looks on a background with the Yxy color 86.3286, 0.3291, 0.3410.

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

86.3286, 0.3291, 0.3410

Protanopia

86.2329, 0.3256, 0.3411

Deuteranopia

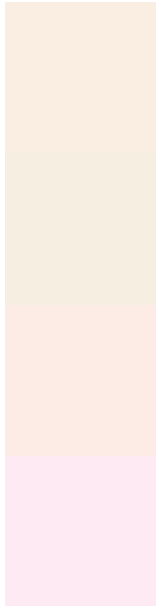
86.5029, 0.3282, 0.3320



Tritanopia

86.3137, 0.3155, 0.3115

Trichromacy



Original Color

86.3286, 0.3291, 0.3410

Protanomaly

86.4142, 0.3263, 0.3411

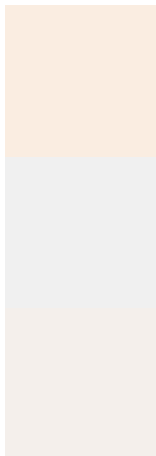
Deuteranomaly

86.5307, 0.3287, 0.3360

Tritanomaly

86.1391, 0.3205, 0.3212

Monochromacy



Original Color

86.3286, 0.3291, 0.3410

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.9643, 0.3185, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3286, 0.3291, 0.3410 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(250, 237, 225)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 225)  
}
```

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(250, 237, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 225) }
```

Border

The CSS property to change the border of an element to Yxy 86.3286, 0.3291, 0.3410 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(250, 237, 225) }
```

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

```
.border{ border-color:rgb(250, 237, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 225);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3286, 0.3291, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 225) }
```

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

```
.background{ background-color: rgb(250,  
237, 225) }
```

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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