

Converting Colors

$Yxy(86.3003, 0.3294, 0.3416)$

Have a look what the booklet for
Yxy(86.3003, 0.3294, 0.3416)
contains.

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Color

Yxy(86.2742, 0.3297, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	FAEDE0
RGB	250, 237, 224
RGB Percent	98%, 93%, 88%
CMY	0.0195, 0.0706, 0.1214
CMYK	0.00, 0.05, 0.10, 0.02
HSL	30°, 72%, 93%
HSV	30°, 10%, 98%
XYZ	83.1714, 86.2742, 82.8182
YIQ	239.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

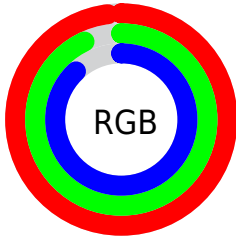
Format	Color
R _{YB}	250, 250, 224
Decimal	16444896
CIE Lab	94.43, 2.25, 7.83
CIE LCh	94, 8.148, 73.943
Yxy	86.2742, 0.3297, 0.3420
Android (android.graphics.Color)	4294634976 (0xFFFAEDE0)
YUV	239.4050, -7.5947, 9.2918
Hunter-Lab	92.8839, -2.7120, 12.1539

Details

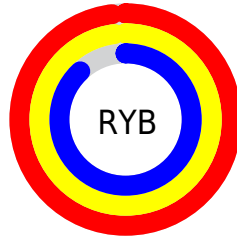
The Yxy color **86.2742, 0.3297, 0.3420** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.3601, 0.2965, 0.3156**, and the grayscale version is **86.7075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2498, 0.3330, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **78.0149, 0.3484, 0.3552**, and if you desaturate by 10%, it is **95.2476, 0.3133, 0.3295**.

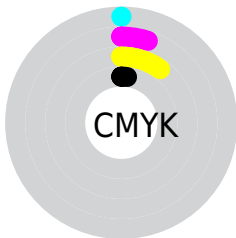
Distribution



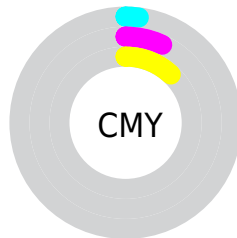
- Red (98%)
- Green (93%)
- Blue (88%)



- Red (98%)
- Yellow (98%)
- 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 86.2742, 0.3297, 0.3420 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 86.2742, 0.3297, 0.3420 by changing the saturation by 10% instead.


 86.2742, 0.3297,
0.3420

 86.2742, 0.3297,
0.3420


515.8349, 0.3221,
0.3362

 64.8947, 0.3314,
0.3433


142.1521, 0.3271,
0.3400

 47.3757, 0.3335,
0.3448


177.4193, 0.3261,
0.3392

 33.3328, 0.3361,
0.3468


218.0845, 0.3252,
0.3386

 22.3815, 0.3394,
0.3492

264.5321, 0.3244,
0.3380

 14.1375, 0.3438,
0.3525

317.1466, 0.3237,
0.3375

 8.2164, 0.3500,
0.3571

376.3123, 0.3231,

 4.2337, 0.3593,

0.3370

0.3637

442.4136, 0.3225,
0.3366

■ 1.8051, 0.3745,
0.3744

■ 0.4904, 0.5152,
0.4848

■ 86.2742, 0.3297,
0.3420

■ 86.2742, 0.3297,
0.3420

■ 78.0149, 0.3484,
0.3552

■ 95.2476, 0.3133,
0.3295

■ 70.4395, 0.3697,
0.3688

■ 99.0670, 0.3096,
0.3290

■ 63.5317, 0.3934,
0.3823

■ 57.2705, 0.4194,
0.3949

■ 51.6336, 0.4469,
0.4056

■ 46.5967, 0.4747,
0.4131

■ 42.1333, 0.5014,
0.4160

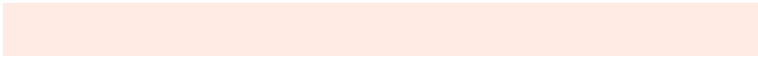
■ 38.2138, 0.5249,
0.4135

■ 34.9205, 0.5438,
0.4064

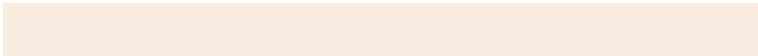
Harmonies

Analogous

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



86.2742, 0.3308, 0.3355



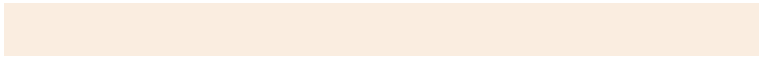
86.2742, 0.3297, 0.3420



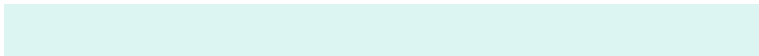
86.2742, 0.3240, 0.3451

Triad

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



86.2742, 0.3297, 0.3420



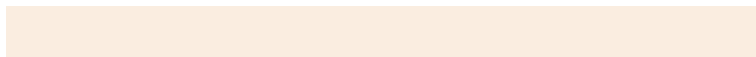
86.2742, 0.2986, 0.3304



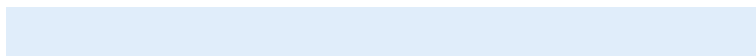
86.2742, 0.3099, 0.3147

Complementary

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



86.2742, 0.3297, 0.3420



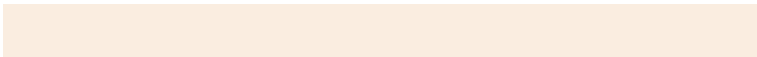
83.3601, 0.2965, 0.3156

Split Complementary

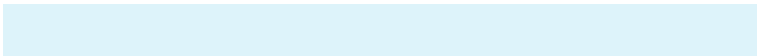
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2742, 0.3014, 0.3132



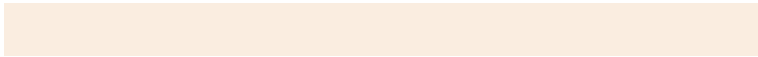
86.2742, 0.3297, 0.3420



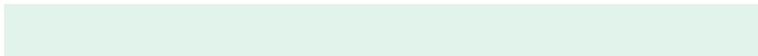
86.2742, 0.2950, 0.3221

Square

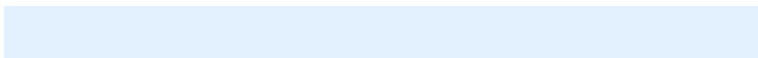
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2742, 0.3297, 0.3420



86.2742, 0.3060, 0.3384



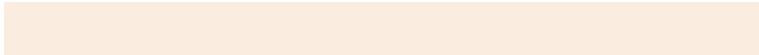
86.2742, 0.2960, 0.3159



86.2742, 0.3193, 0.3199

Rectangle

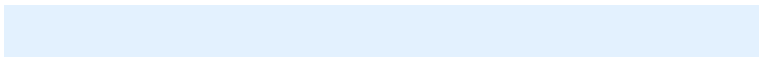
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2742, 0.3297, 0.3420



86.2742, 0.3184, 0.3448



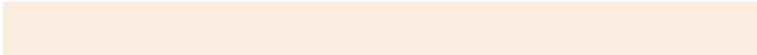
86.2742, 0.2960, 0.3159



86.2742, 0.3069, 0.3138

Sweetspot

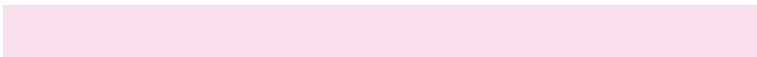
The Sweet Spot groups the original color and five complimentary colors.



86.2780, 0.3297, 0.3420



97.0951, 0.3174, 0.3327



79.8020, 0.3221, 0.3156



20.6186, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



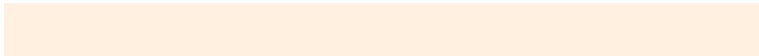
21.4041, 0.3127, 0.3290

Same Dimension

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



86.2780, 0.3297, 0.3420



88.7857, 0.3326, 0.3441



93.8234, 0.3283, 0.3543



18.6556, 0.3281, 0.3409



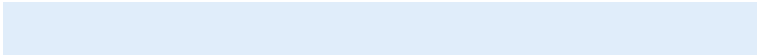
18.8080, 0.5413, 0.4084



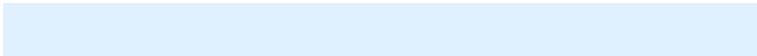
1.9539, 0.5228, 0.4231

Inverse Universe

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



83.3601, 0.2965, 0.3156



85.2965, 0.2939, 0.3134



76.3237, 0.2964, 0.3024



18.0806, 0.2980, 0.3169



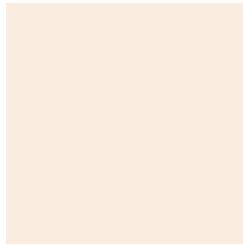
11.7693, 0.1772, 0.1579



1.3021, 0.1832, 0.1795

Previews

White Background



This preview shows how the Yxy color 86.2742, 0.3297, 0.3420 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 86.2742, 0.3297, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

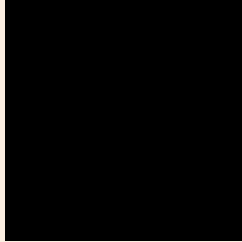
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.2742, 0.3297, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 86.2742, 0.3297, 0.3420.

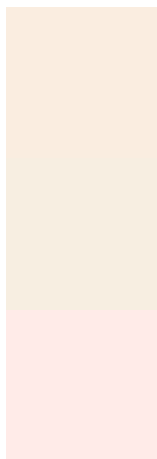


This preview shows how white text looks on a background with the Yxy color 86.2742, 0.3297, 0.3420.

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

86.2742, 0.3297, 0.3420

Protanopia

86.3595, 0.3269, 0.3421

Deuteranopia

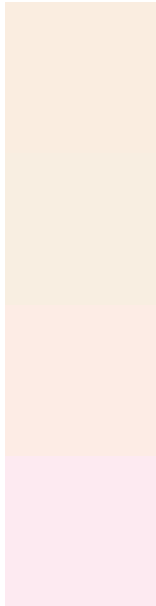
86.5029, 0.3282, 0.3320



Tritanopia

86.3137, 0.3155, 0.3115

Trichromacy



Original Color

86.2742, 0.3297, 0.3420

Protanomaly

86.5418, 0.3276, 0.3421

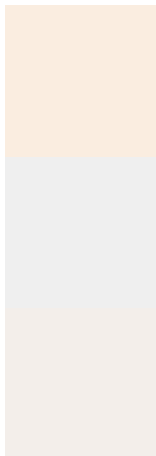
Deuteranomaly

86.5307, 0.3287, 0.3360

Tritanomaly

86.0792, 0.3211, 0.3222

Monochromacy



Original Color

86.2742, 0.3297, 0.3420

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.1443, 0.3185, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2742, 0.3297, 0.3420 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 224) }
```

Border

The CSS property to change the border of an element to Yxy 86.2742, 0.3297, 0.3420 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, 224) }
```

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

```
.border{ border-color:rgb(250, 237, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2742, 0.3297, 0.3420 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, 224) }
```

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

```
.background{ background-color: rgb(250,  
237, 224) }
```

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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