

Converting Colors

$Yxy(86.6297, 0.3474, 0.3736)$

Have a look what the booklet for
Yxy(86.6297, 0.3474, 0.3736)
contains.

Yxy(86.6297, 0.3474, 0.3736)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(86.6297, 0.3474, 0.3736)

Conversions

Conversions Part 1

Format	Color
Hex	FAF0C4
RGB	250, 240, 196
RGB Percent	98%, 94%, 77%
CMY	0.0195, 0.0588, 0.2314
CMYK	0.00, 0.04, 0.22, 0.02
HSL	49°, 84%, 87%
HSV	49°, 22%, 98%
XYZ	80.5545, 86.6297, 64.6940
YIQ	237.9740, 20.0840, -11.5640

Conversions

Conversions Part 2

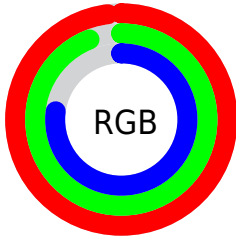
Format	Color
R _Y B	208, 250, 196
Decimal	16445636
CIE Lab	94.58, -3.47, 22.52
CIE LCh	95, 22.785, 98.756
Yxy	86.6297, 0.3474, 0.3736
Android (android.graphics.Color)	4294635716 (0xFFFAF0C4)
YUV	237.9740, -20.6932, 10.5468
Hunter-Lab	93.0751, -8.3934, 23.9416

Details

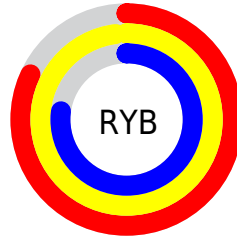
The Yxy color **86.6297, 0.3474, 0.3736** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.7912, 0.2770, 0.2801**, and the grayscale version is **85.6349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **47.5714, 0.3548, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **82.8909, 0.3648, 0.3948**, and if you desaturate by 10%, it is **90.6359, 0.3307, 0.3526**.

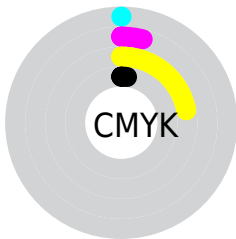
Distribution



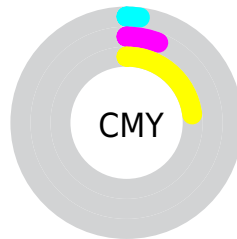
- Red (98%)
- Green (94%)
- Blue (77%)



- Red (82%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6297, 0.3474, 0.3736 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 86.6297, 0.3474, 0.3736 by changing the saturation by 10% instead.


 86.6297, 0.3474,
0.3736

 86.6297, 0.3474,
0.3736


517.0053, 0.3320,
0.3535

 65.1888, 0.3508,
0.3780


142.6479, 0.3422,
0.3667

 47.6142, 0.3548,
0.3835

177.9940, 0.3401,
0.3640

 33.5215, 0.3599,
0.3902


218.7439, 0.3383,
0.3617

 22.5262, 0.3662,
0.3988

265.2821, 0.3367,
0.3597

 14.2441, 0.3744,
0.4101

317.9930, 0.3353,
0.3579

 8.2906, 0.3854,
0.4255

377.2608, 0.3341,

 4.2815, 0.4005,

0.3562

0.4475

443.4702, 0.3330,
0.3548

■ 1.8322, 0.4437,
0.5057

■ 0.5071, 0.4393,
0.5607

■ 86.6297, 0.3474,
0.3736

■ 86.6297, 0.3474,
0.3736

■ 82.8909, 0.3648,
0.3948

■ 90.6359, 0.3307,
0.3526

■ 79.3979, 0.3825,
0.4153

■ 94.9070, 0.3151,
0.3322

■ 76.1438, 0.3998,
0.4343

■ 98.3820, 0.3097,
0.3280

■ 73.1171, 0.4161,
0.4506

■ 99.0691, 0.3096,
0.3290

■ 70.3044, 0.4306,
0.4634

■ 67.6910, 0.4426,
0.4717

■ 65.2588, 0.4516,
0.4753

■ 63.3357, 0.4572,
0.4752

Harmonies

Analogous

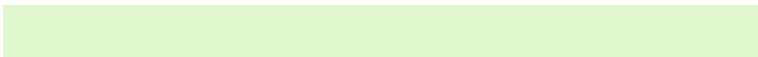
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6297, 0.3620, 0.3617



86.6297, 0.3474, 0.3736



86.6297, 0.3238, 0.3732

Triad

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



86.6297, 0.3474, 0.3736



86.6297, 0.2650, 0.3125



86.6297, 0.3263, 0.3012

Complementary

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



86.6297, 0.3474, 0.3736



62.7912, 0.2770, 0.2801

Split Complementary

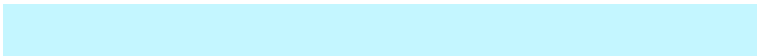
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6297, 0.3000, 0.2889



86.6297, 0.3474, 0.3736



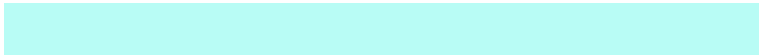
86.6297, 0.2655, 0.2944

Square

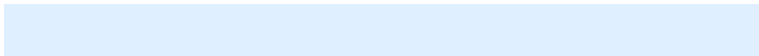
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6297, 0.3474, 0.3736



86.6297, 0.2766, 0.3365



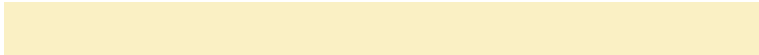
86.6297, 0.2781, 0.2863



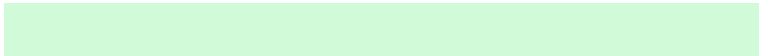
86.6297, 0.3496, 0.3203

Rectangle

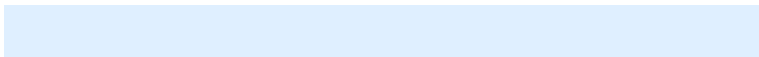
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.6297, 0.3474, 0.3736



86.6297, 0.3064, 0.3653



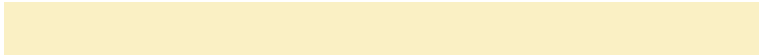
86.6297, 0.2781, 0.2863



86.6297, 0.3175, 0.2962

Sweetspot

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



86.6336, 0.3474, 0.3736



97.2550, 0.3218, 0.3410



64.3004, 0.3480, 0.3178



20.7540, 0.3229, 0.3424



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.



86.6336, 0.3474, 0.3736



88.8398, 0.3550, 0.3830



89.8349, 0.3344, 0.3850



19.6107, 0.3273, 0.3482



33.7854, 0.4565, 0.4758



3.2661, 0.4512, 0.4799

Inverse Universe

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



62.7912, 0.2770, 0.2801



59.7762, 0.2688, 0.2685



60.4072, 0.2875, 0.2705



17.1641, 0.2979, 0.3091



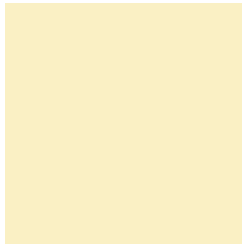
4.8645, 0.1548, 0.0772



0.5867, 0.1602, 0.0968

Previews

White Background



This preview shows how the Yxy color 86.6297, 0.3474, 0.3736 looks on a white background.

Color Contrast Check

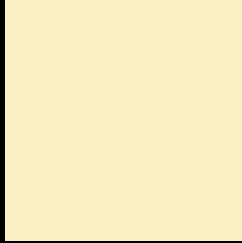
Large Text (above 18pt) WCAG AA × Fail

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 86.6297, 0.3474, 0.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

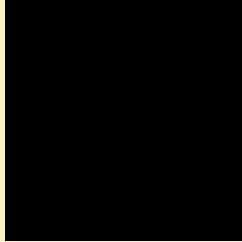
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.6297, 0.3474, 0.3736

Background



This preview shows how black text looks on a background with the Yxy color 86.6297, 0.3474, 0.3736.



This preview shows how white text looks on a background with the Yxy color 86.6297, 0.3474, 0.3736.

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

86.6297, 0.3474, 0.3736

Protanopia

86.5558, 0.3504, 0.3733

Deuteranopia

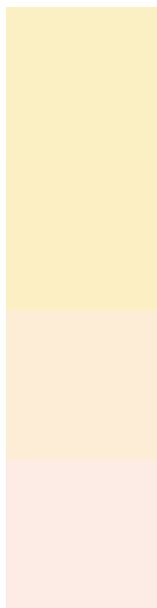
86.6327, 0.3333, 0.3409



Tritanopia

86.3774, 0.3175, 0.3135

Trichromacy



Original Color

86.6297, 0.3474, 0.3736

Protanomaly

86.3686, 0.3496, 0.3735

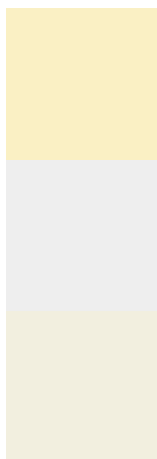
Deuteranomaly

86.3061, 0.3383, 0.3521

Tritanomaly

86.5867, 0.3280, 0.3350

Monochromacy



Original Color

86.6297, 0.3474, 0.3736

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.9380, 0.3247, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6297, 0.3474, 0.3736 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, 240, 196)` looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 196)  
}
```

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, 240, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 196) }
```

Border

The CSS property to change the border of an element to Yxy 86.6297, 0.3474, 0.3736 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, 240, 196) }
```

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

```
.border{ border-color:rgb(250, 240, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 196);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6297, 0.3474, 0.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 196) }
```

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

```
.background{ background-color: rgb(250,  
240, 196) }
```

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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