

Converting Colors

$Yxy(82.1117, 0.3458, 0.3679)$

Have a look what the booklet for
Yxy(82.1117, 0.3458, 0.3679)
contains.

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Color

Yxy(82.4240, 0.3457, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	F6EAC4
RGB	246, 234, 196
RGB Percent	96%, 92%, 77%
CMY	0.0354, 0.0823, 0.2314
CMYK	0.00, 0.05, 0.20, 0.04
HSL	46°, 73%, 87%
HSV	46°, 20%, 96%
XYZ	77.3872, 82.4240, 64.0454
YIQ	233.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

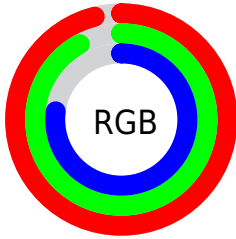
Format	Color
R _Y B	212, 246, 196
Decimal	16181956
CIE Lab	92.76, -1.91, 19.95
CIE LCh	93, 20.038, 95.474
Yxy	82.4240, 0.3457, 0.3682
Android (android.graphics.Color)	4294372036 (0xFFFF6EAC4)
YUV	233.2560, -18.3672, 11.1765
Hunter-Lab	90.7877, -6.7254, 21.7257

Details

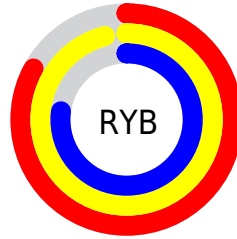
The Yxy color **82.4240, 0.3457, 0.3682** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.4783, 0.2795, 0.2865**, and the grayscale version is **81.8186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **44.6126, 0.3529, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **78.0991, 0.3636, 0.3882**, and if you desaturate by 10%, it is **87.0514, 0.3288, 0.3485**.

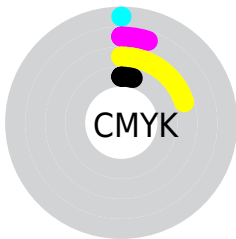
Distribution



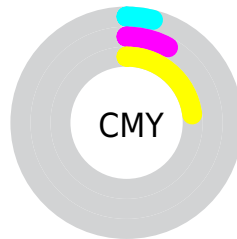
- Red (96%)
- Green (92%)
- Blue (77%)



- Red (83%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4240, 0.3457, 0.3682 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 82.4240, 0.3457, 0.3682 by changing the saturation by 10% instead.

82.4240, 0.3457,
0.3682

82.4240, 0.3457,
0.3682

503.0648, 0.3308,
0.3504

61.7151, 0.3490,
0.3722

136.7684, 0.3406,
0.3621

44.8025, 0.3530,
0.3770

171.1727, 0.3386,
0.3597

31.3019, 0.3580,
0.3831

210.9110, 0.3369,
0.3576

20.8289, 0.3643,
0.3908

256.3675, 0.3354,
0.3558

12.9990, 0.3727,
0.4011

307.9268, 0.3341,
0.3542

7.4278, 0.3841,
0.4153

365.9732, 0.3329,

3.7311, 0.4002,

0.3528

0.4359

430.8911, 0.3318,
0.3516

■ 1.5243, 0.4533,
0.4996

■ 0.3057, 0.4438,
0.5562

■ 82.4240, 0.3457,
0.3682

■ 82.4240, 0.3457,
0.3682

■ 78.0991, 0.3636,
0.3882

■ 87.0514, 0.3288,
0.3485

■ 74.0557, 0.3823,
0.4077

■ 91.9797, 0.3132,
0.3296

■ 70.2866, 0.4010,
0.4260

■ 96.2325, 0.3073,
0.3258

■ 66.7802, 0.4191,
0.4419

■ 98.3302, 0.3072,
0.3290

■ 63.5235, 0.4358,
0.4544

■ 60.5018, 0.4502,
0.4625

■ 57.6976, 0.4617,
0.4658

■ 55.1651, 0.4701,
0.4649

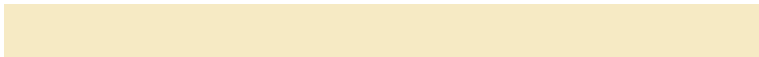
Harmonies

Analogous

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



82.4240, 0.3574, 0.3567



82.4240, 0.3457, 0.3682



82.4240, 0.3253, 0.3690

Triad

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



82.4240, 0.3457, 0.3682



82.4240, 0.2706, 0.3166



82.4240, 0.3224, 0.3025

Complementary

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



82.4240, 0.3457, 0.3682



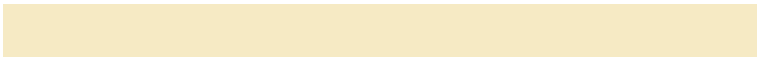
63.4783, 0.2795, 0.2865

Split Complementary

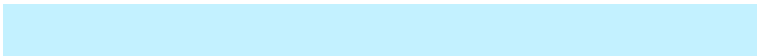
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4240, 0.2990, 0.2923



82.4240, 0.3457, 0.3682



82.4240, 0.2698, 0.2995

Square

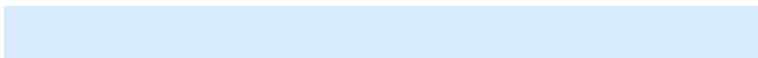
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4240, 0.3457, 0.3682



82.4240, 0.2822, 0.3382



82.4240, 0.2800, 0.2910



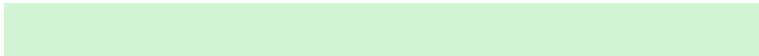
82.4240, 0.3438, 0.3192

Rectangle

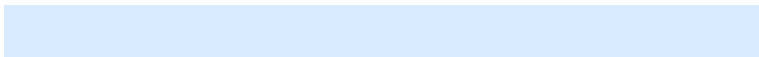
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4240, 0.3457, 0.3682



82.4240, 0.3097, 0.3628



82.4240, 0.2800, 0.2910



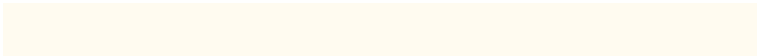
82.4240, 0.3144, 0.2982

Sweetspot

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



82.4277, 0.3457, 0.3682



96.7381, 0.3219, 0.3402



63.6415, 0.3434, 0.3159



20.6315, 0.3229, 0.3415



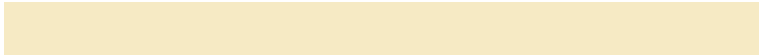
0.0000, 0.0000, 0.0000



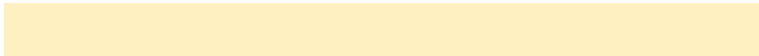
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4277, 0.3457, 0.3682



87.6694, 0.3523, 0.3756



87.2930, 0.3348, 0.3812



18.6017, 0.3274, 0.3469



29.6773, 0.4691, 0.4657



2.7659, 0.4616, 0.4717

Inverse Universe

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



63.4783, 0.2795, 0.2865



63.9969, 0.2729, 0.2776



59.6066, 0.2874, 0.2740



16.5709, 0.2979, 0.3104



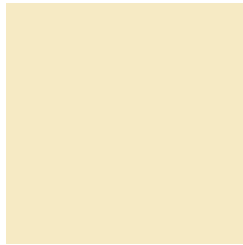
5.3962, 0.1574, 0.0867



0.6274, 0.1638, 0.1095

Previews

White Background



This preview shows how the Yxy color 82.4240, 0.3457, 0.3682 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 82.4240, 0.3457, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

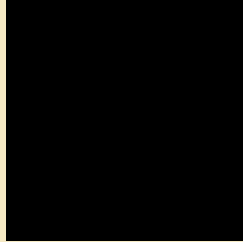
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

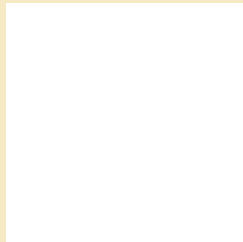
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4240, 0.3457, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 82.4240, 0.3457, 0.3682.

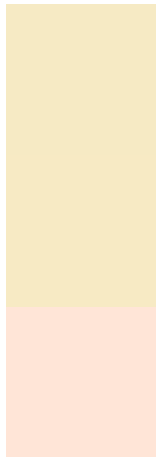


This preview shows how white text looks on a background with the Yxy color 82.4240, 0.3457, 0.3682.

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

82.4240, 0.3457, 0.3682

Protanopia

82.6053, 0.3464, 0.3681

Deuteranopia

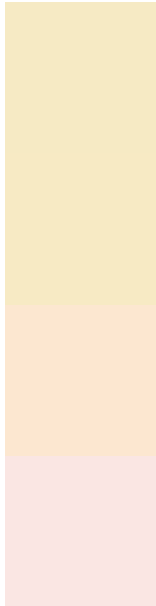
82.2049, 0.3403, 0.3431



Tritanopia

82.2262, 0.3184, 0.3113

Trichromacy



Original Color

82.4240, 0.3457, 0.3682

Protanomaly

82.6053, 0.3464, 0.3681

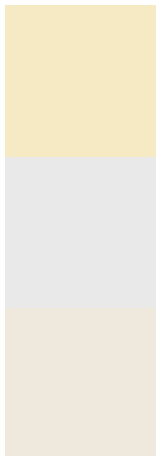
Deuteranomaly

82.4013, 0.3425, 0.3523

Tritanomaly

82.4637, 0.3285, 0.3321

Monochromacy



Original Color

82.4240, 0.3457, 0.3682

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6223, 0.3244, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4240, 0.3457, 0.3682 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(246, 234, 196)` looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 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(246, 234, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 196) }
```

Border

The CSS property to change the border of an element to Yxy 82.4240, 0.3457, 0.3682 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(246, 234, 196) }
```

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

```
.border{ border-color:rgb(246, 234, 196) }
```

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

Here you see how a box with a 4 pixel rgb(246, 234, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 196);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4240, 0.3457, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 234, 196) }
```

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

```
.background{ background-color: rgb(246,  
234, 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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