

Converting Colors

$Yxy(81.8405, 0.3442, 0.3695)$

Have a look what the booklet for
Yxy(81.8405, 0.3442, 0.3695)
contains.

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Color

Yxy(81.8405, 0.3442, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	F3EAC3
RGB	243, 234, 195
RGB Percent	95%, 92%, 76%
CMY	0.0470, 0.0823, 0.2353
CMYK	0.00, 0.04, 0.20, 0.05
HSL	49°, 67%, 86%
HSV	49°, 20%, 95%
XYZ	76.2368, 81.8405, 63.4125
YIQ	232.2450, 17.8830, -10.2210

Conversions

Conversions Part 2

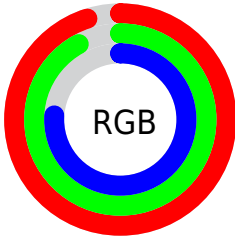
Format	Color
R _Y B	206, 243, 195
Decimal	15985347
CIE Lab	92.50, -3.13, 20.06
CIE LCh	93, 20.299, 98.863
Yxy	81.8405, 0.3442, 0.3695
Android (android.graphics.Color)	4294175427 (0xFFF3EAC3)
YUV	232.2450, -18.3618, 9.4321
Hunter-Lab	90.4657, -7.8905, 21.7663

Details

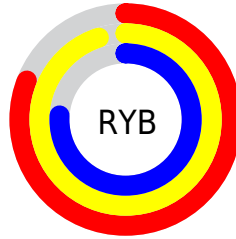
The Yxy color **81.8405, 0.3442, 0.3695** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.2643, 0.2804, 0.2850**, and the grayscale version is **81.0222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **44.2030, 0.3510, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **78.2715, 0.3615, 0.3906**, and if you desaturate by 10%, it is **85.6625, 0.3277, 0.3486**.

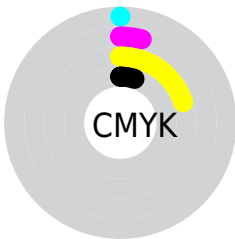
Distribution



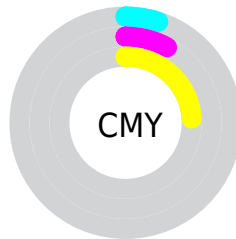
- Red (95%)
- Green (92%)
- Blue (76%)



- Red (81%)
- Yellow (95%)
- Blue (76%)



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



- Cyan (5%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.8405, 0.3442, 0.3695 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 81.8405, 0.3442, 0.3695 by changing the saturation by 10% instead.

81.8405, 0.3442,
0.3695

81.8405, 0.3442,
0.3695

501.1140, 0.3300,
0.3511

61.2341, 0.3473,
0.3736

135.9503, 0.3394,
0.3632

44.4141, 0.3511,
0.3787

170.2225, 0.3375,
0.3607

30.9962, 0.3559,
0.3850

209.8187, 0.3358,
0.3585

20.5959, 0.3619,
0.3931

255.1233, 0.3344,
0.3567

12.8290, 0.3698,
0.4040

306.5208, 0.3331,
0.3550

7.3109, 0.3806,
0.4190


364.3954, 0.3320,


3.6573, 0.3959,

0.3535

0.4409


429.1317, 0.3309,
0.3522

 1.4838, 0.4510,
0.5127


 0.2773, 0.4030,
0.5970

 81.8405, 0.3442,
0.3695


 81.8405, 0.3442,
0.3695


 78.2715, 0.3615,
0.3906


 85.6625, 0.3277,
0.3486


 74.9352, 0.3791,
0.4113

 89.7349, 0.3123,
0.3285

 71.8256, 0.3966,
0.4306

 93.2100, 0.3055,
0.3218

 68.9319, 0.4132,
0.4475

 96.0411, 0.3054,
0.3263

■ 66.2421, 0.4282,
0.4609

■ 97.7954, 0.3054,
0.3290

■ 63.7426, 0.4407,
0.4701

■ 61.4174, 0.4504,
0.4746

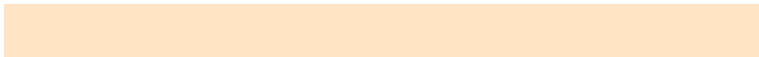
■ 59.2406, 0.4574,
0.4749

■ 59.1875, 0.4576,
0.4749

Harmonies

Analogous

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



81.8405, 0.3574, 0.3589



81.8405, 0.3442, 0.3695



81.8405, 0.3228, 0.3689

Triad

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



81.8405, 0.3442, 0.3695



81.8405, 0.2693, 0.3141



81.8405, 0.3252, 0.3037

Complementary

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



81.8405, 0.3442, 0.3695



61.2643, 0.2804, 0.2850

Split Complementary

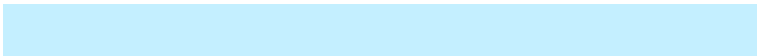
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8405, 0.3013, 0.2925



81.8405, 0.3442, 0.3695



81.8405, 0.2698, 0.2976

Square

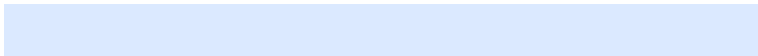
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8405, 0.3442, 0.3695



81.8405, 0.2799, 0.3358



81.8405, 0.2813, 0.2901



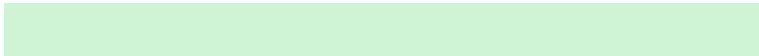
81.8405, 0.3463, 0.3212

Rectangle

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



81.8405, 0.3442, 0.3695



81.8405, 0.3069, 0.3618



81.8405, 0.2813, 0.2901



81.8405, 0.3172, 0.2991

Sweetspot

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



81.8442, 0.3442, 0.3695



97.2367, 0.3219, 0.3410



62.4784, 0.3442, 0.3189



20.7496, 0.3229, 0.3423



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.



81.8442, 0.3442, 0.3695



89.5616, 0.3516, 0.3786



84.6373, 0.3326, 0.3799



18.7543, 0.3273, 0.3481



32.6702, 0.4569, 0.4755



3.0048, 0.4513, 0.4799

Inverse Universe

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



61.2643, 0.2804, 0.2850



62.4574, 0.2726, 0.2739



59.1203, 0.2900, 0.2761



16.4294, 0.2979, 0.3092



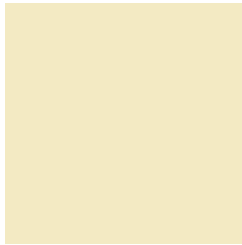
4.7480, 0.1549, 0.0776



0.5514, 0.1607, 0.0985

Previews

White Background



This preview shows how the Yxy color 81.8405, 0.3442, 0.3695 looks on a white background.

Color Contrast Check

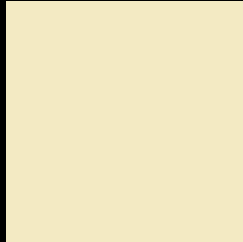
Large Text (above 18pt) WCAG AA × Fail

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 81.8405, 0.3442, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

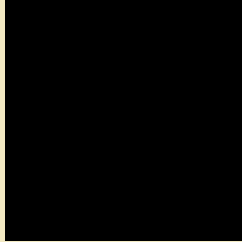
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

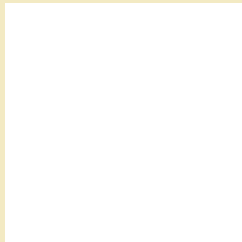
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.8405, 0.3442, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 81.8405, 0.3442, 0.3695.



This preview shows how white text looks on a background with the Yxy color 81.8405, 0.3442, 0.3695.

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

81.8405, 0.3442, 0.3695

Protanopia

81.7657, 0.3472, 0.3693

Deuteranopia

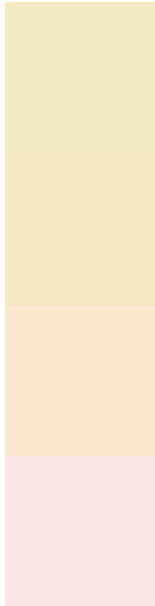
81.5509, 0.3418, 0.3441



Tritanopia

81.8547, 0.3170, 0.3112

Trichromacy



Original Color

81.8405, 0.3442, 0.3695

Protanomaly

81.5853, 0.3465, 0.3694

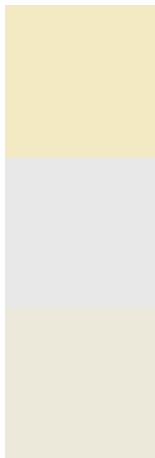
Deuteranomaly

81.5591, 0.3433, 0.3535

Tritanomaly

81.9138, 0.3264, 0.3321

Monochromacy



Original Color

81.8405, 0.3442, 0.3695

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.2252, 0.3237, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8405, 0.3442, 0.3695 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(243, 234, 195)` looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 195)  
}
```

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(243, 234, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 195) }
```

Border

The CSS property to change the border of an element to Yxy 81.8405, 0.3442, 0.3695 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(243, 234, 195) }
```

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

```
.border{ border-color:rgb(243, 234, 195) }
```

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

Here you see how a box with a 4 pixel rgb(243, 234, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 195);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8405, 0.3442, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 195) }
```

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

```
.background{ background-color: rgb(243,  
234, 195) }
```

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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