

Converting Colors

$Yxy(82.8112, 0.3370, 0.3563)$

Have a look what the booklet for
Yxy(82.8112, 0.3370, 0.3563)
contains.

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Color

Yxy(82.8122, 0.3370, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	F5EAD0
RGB	245, 234, 208
RGB Percent	96%, 92%, 82%
CMY	0.0393, 0.0823, 0.1842
CMYK	0.00, 0.04, 0.15, 0.04
HSL	42°, 65%, 89%
HSV	42°, 15%, 96%
XYZ	78.4586, 82.8122, 71.5440
YIQ	234.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

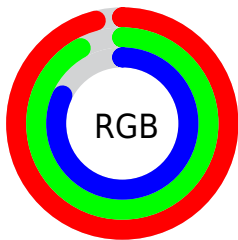
Format	Color
RYB	224, 245, 208
Decimal	16116432
CIELab	92.93, -0.50, 13.94
CIELCh	93, 13.949, 92.060
Yxy	82.8122, 0.3370, 0.3557
Android (android.graphics.Color)	4294306512 (0xFFF5EAD0)
YUV	234.3250, -12.9782, 9.3620
Hunter-Lab	91.0012, -5.3547, 17.0878

Details

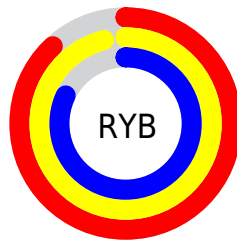
The Yxy color $82.8122, 0.3370, 0.3557$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $70.6613, 0.2887, 0.3008$, and the grayscale version is $82.6310, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.9927, 0.3426, 0.3607$ is the 20% darker color. If you saturate the color by 10%, you get $77.6489, 0.3549, 0.3742$, and if you desaturate by 10%, it is $88.3387, 0.3205, 0.3378$.

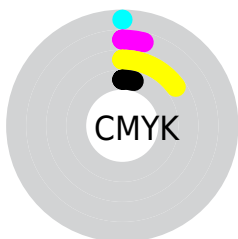
Distribution



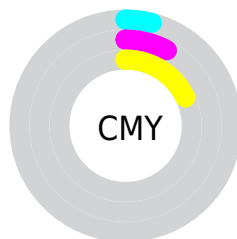
- Red (96%)
- Green (92%)
- Blue (82%)



- Red (88%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8122, 0.3370, 0.3557 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 82.8122, 0.3370, 0.3557 by changing the saturation by 10% instead.

82.8122, 0.3370,
0.3557

82.8122, 0.3370,
0.3557

504.3604, 0.3260,
0.3436

62.0352, 0.3394,
0.3584

137.3124, 0.3332,
0.3516

45.0612, 0.3424,
0.3617

171.8044, 0.3318,
0.3499

31.5056, 0.3462,
0.3658

211.6369, 0.3305,
0.3485

20.9842, 0.3510,
0.3711

257.1943, 0.3294,
0.3473

13.1124, 0.3573,
0.3782

308.8609, 0.3284,
0.3462

7.5060, 0.3662,
0.3880

367.0213, 0.3275,

3.7805, 0.3793,

0.3453

0.4026

432.0596, 0.3267,
0.3444

■ 1.5516, 0.4055,
0.4319

■ 0.3246, 0.4772,
0.5228

■ 82.8122, 0.3370,
0.3557

■ 82.8122, 0.3370,
0.3557

■ 77.6489, 0.3549,
0.3742

■ 88.3387, 0.3205,
0.3378

■ 72.8273, 0.3741,
0.3928

■ 94.0961, 0.3067,
0.3227

■ 68.3398, 0.3941,
0.4107

■ 98.1466, 0.3066,
0.3290

■ 64.1744, 0.4143,
0.4269

■ 60.3178, 0.4339,
0.4404

■ 56.7554, 0.4519,
0.4500

■ 53.4705, 0.4674,
0.4549

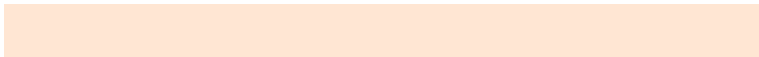
■ 50.4430, 0.4797,
0.4547

■ 49.0332, 0.4849,
0.4532

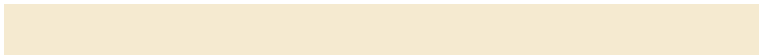
Harmonies

Analogous

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



82.8122, 0.3441, 0.3473



82.8122, 0.3370, 0.3557



82.8122, 0.3234, 0.3569

Triad

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



82.8122, 0.3370, 0.3557



82.8122, 0.2837, 0.3222



82.8122, 0.3177, 0.3092

Complementary

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



82.8122, 0.3370, 0.3557



70.6613, 0.2887, 0.3008

Split Complementary

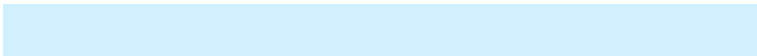
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8122, 0.3015, 0.3027



82.8122, 0.3370, 0.3557



82.8122, 0.2822, 0.3097

Square

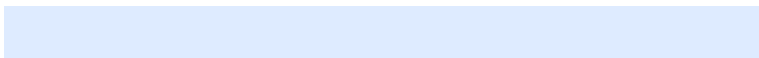
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8122, 0.3370, 0.3557



82.8122, 0.2928, 0.3372



82.8122, 0.2887, 0.3027



82.8122, 0.3328, 0.3207

Rectangle

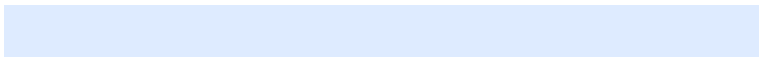
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8122, 0.3370, 0.3557



82.8122, 0.3126, 0.3532



82.8122, 0.2887, 0.3027



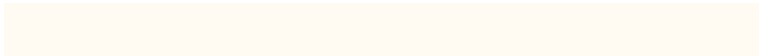
82.8122, 0.3122, 0.3064

Sweetspot

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



82.8159, 0.3370, 0.3557



96.8170, 0.3204, 0.3377



69.6550, 0.3328, 0.3175



20.6288, 0.3215, 0.3389



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.



82.8159, 0.3370, 0.3557



89.0088, 0.3422, 0.3611



87.9453, 0.3304, 0.3671



18.4351, 0.3276, 0.3456



26.6757, 0.4835, 0.4543



2.5228, 0.4735, 0.4622

Inverse Universe

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



70.6613, 0.2887, 0.3008



73.4116, 0.2837, 0.2947



66.2293, 0.2934, 0.2892



16.7276, 0.2980, 0.3119



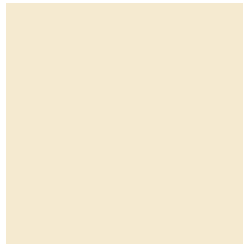
6.3035, 0.1608, 0.0988



0.7254, 0.1676, 0.1231

Previews

White Background



This preview shows how the Yxy color 82.8122, 0.3370, 0.3557 looks on a white background.

Color Contrast Check

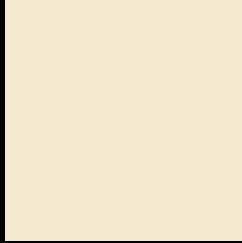
Large Text (above 18pt) WCAG AA × Fail

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 82.8122, 0.3370, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

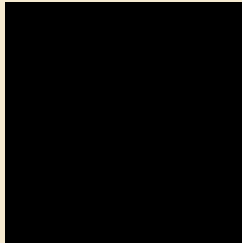
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

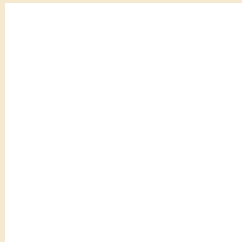
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.8122, 0.3370, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 82.8122, 0.3370, 0.3557.

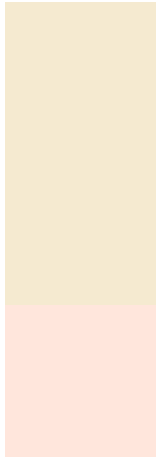


This preview shows how white text looks on a background with the Yxy color 82.8122, 0.3370, 0.3557.

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

82.8122, 0.3370, 0.3557

Protanopia

82.8122, 0.3370, 0.3557

Deuteranopia

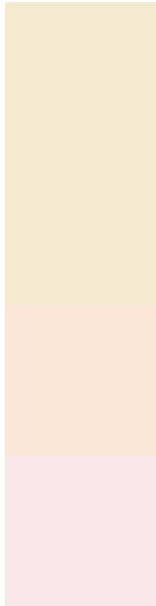
83.0209, 0.3367, 0.3390



Tritanopia

82.4646, 0.3163, 0.3112

Trichromacy



Original Color

82.8122, 0.3370, 0.3557

Protanomaly

82.8122, 0.3370, 0.3557

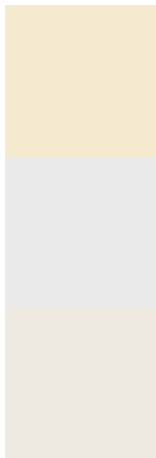
Deuteranomaly

82.6189, 0.3364, 0.3442

Tritanomaly

82.3763, 0.3238, 0.3270

Monochromacy



Original Color

82.8122, 0.3370, 0.3557

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.4590, 0.3211, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8122, 0.3370, 0.3557 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(245, 234, 208)` looks like.

```
.text, #text, p{  
    color:rgb(245, 234, 208)  
}
```

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(245, 234, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 208) }
```

Border

The CSS property to change the border of an element to Yxy 82.8122, 0.3370, 0.3557 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(245, 234, 208) }
```

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

```
.border{ border-color:rgb(245, 234, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 234, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8122, 0.3370, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 208) }
```

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

```
.background{ background-color: rgb(245,  
234, 208) }
```

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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