

Converting Colors

$Yxy(82.0733, 0.3629, 0.3802)$

Have a look what the booklet for
Yxy(82.0733, 0.3629, 0.3802)
contains.

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Color

Yxy(82.3094, 0.3628, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8B5
RGB	255, 232, 181
RGB Percent	100%, 91%, 71%
CMY	0.0000, 0.0902, 0.2903
CMYK	0.00, 0.09, 0.29, 0.00
HSL	41°, 100%, 85%
HSV	41°, 29%, 100%
XYZ	78.4393, 82.3094, 55.4567
YIQ	233.0630, 30.0790, -10.9850

Conversions

Conversions Part 2

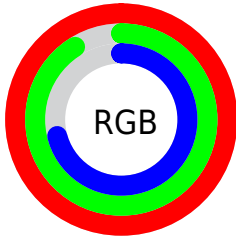
Format	Color
R _Y B	214, 255, 181
Decimal	16771253
CIE Lab	92.71, 0.41, 27.71
CIE LCh	93, 27.716, 89.148
Yxy	82.3094, 0.3628, 0.3807
Android (android.graphics.Color)	4294961333 (0xFFFFE8B5)
YUV	233.0630, -25.6671, 19.2387
Hunter-Lab	90.7245, -4.4390, 27.2653

Details

The Yxy color **82.3094, 0.3628, 0.3807** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.2155, 0.2643, 0.2712**, and the grayscale version is **81.7140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **44.4795, 0.3733, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **76.9973, 0.3826, 0.3988**, and if you desaturate by 10%, it is **88.0158, 0.3441, 0.3624**.

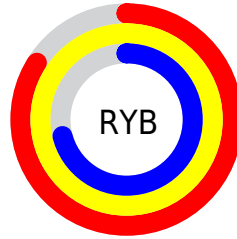
Distribution



Red (100%)

Green (91%)

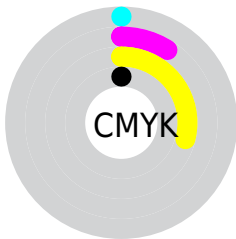
Blue (71%)



Red (84%)

Yellow (100%)

Blue (71%)

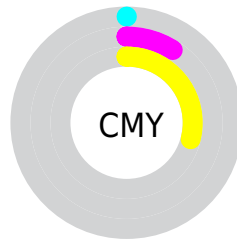


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3094, 0.3628, 0.3807 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 82.3094, 0.3628, 0.3807 by changing the saturation by 10% instead.


 82.3094, 0.3628,
0.3807

 82.3094, 0.3628,
0.3807


502.6820, 0.3403,
0.3575

 61.6206, 0.3677,
0.3858


 136.6078, 0.3551,
0.3728

 44.7262, 0.3738,
0.3920


170.9862, 0.3521,
0.3697

 31.2418, 0.3812,
0.3996


210.6966, 0.3495,
0.3670

 20.7831, 0.3905,
0.4092

256.1233, 0.3472,
0.3646

 12.9655, 0.4026,
0.4216

307.6509, 0.3452,
0.3625

 7.4048, 0.4187,
0.4379

365.6635, 0.3434,

 3.7165, 0.4407,

0.3607

0.4602

430.5458, 0.3417,
0.3590

■ 1.5163, 0.4898,
0.5102

■ 0.3002, 0.4960,
0.5040

■ 82.3094, 0.3628,
0.3807

■ 82.3094, 0.3628,
0.3807

■ 76.9973, 0.3826,
0.3988

■ 88.0158, 0.3441,
0.3624

■ 72.0640, 0.4032,
0.4159

■ 94.1262, 0.3269,
0.3445

■ 67.4961, 0.4238,
0.4309

100.0000, 0.3127,
0.3290

■ 63.2781, 0.4434,
0.4427

■ 59.3927, 0.4612,
0.4503

■ 55.8198, 0.4760,
0.4528

■ 52.5308, 0.4878,
0.4504

■ 52.2229, 0.4888,
0.4501

Harmonies

Analogous

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



82.3094, 0.3761, 0.3618



82.3094, 0.3628, 0.3807



82.3094, 0.3362, 0.3861

Triad

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



82.3094, 0.3628, 0.3807



82.3094, 0.2572, 0.3173



82.3094, 0.3188, 0.2891

Complementary

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



82.3094, 0.3628, 0.3807



60.2155, 0.2643, 0.2712

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.



82.3094, 0.2873, 0.2776



82.3094, 0.3628, 0.3807



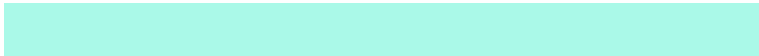
82.3094, 0.2530, 0.2920

Square

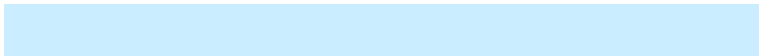
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3094, 0.3628, 0.3807



82.3094, 0.2755, 0.3480



82.3094, 0.2637, 0.2782



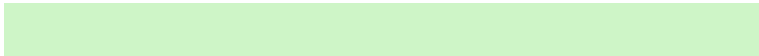
82.3094, 0.3501, 0.3100

Rectangle

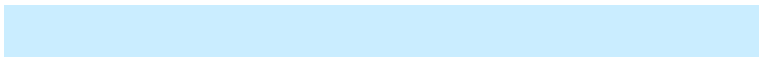
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3094, 0.3628, 0.3807



82.3094, 0.3149, 0.3801



82.3094, 0.2637, 0.2782



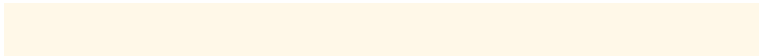
82.3094, 0.3079, 0.2841

Sweetspot

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



82.3102, 0.3628, 0.3807



94.1438, 0.3269, 0.3444



58.6789, 0.3570, 0.3049



19.9548, 0.3293, 0.3470



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

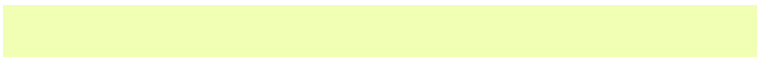
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3102, 0.3628, 0.3807



79.0909, 0.3745, 0.3916



93.6318, 0.3475, 0.4041



20.0825, 0.3277, 0.3453



27.5658, 0.4874, 0.4512



2.8788, 0.4777, 0.4589

Inverse Universe

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



60.2155, 0.2643, 0.2712



53.6518, 0.2534, 0.2570



51.8013, 0.2708, 0.2462



18.2983, 0.2979, 0.3121



6.9437, 0.1616, 0.1019



0.8608, 0.1678, 0.1240

Previews

White Background



This preview shows how the Yxy color 82.3094, 0.3628, 0.3807 looks on a white background.

Color Contrast Check

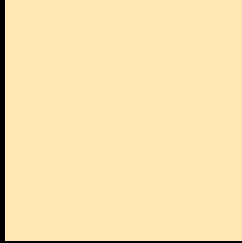
Large Text (above 18pt) WCAG AA × Fail

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 82.3094, 0.3628, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

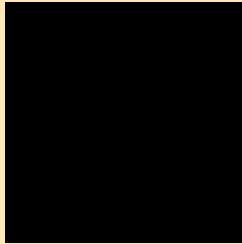
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3094, 0.3628, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 82.3094, 0.3628, 0.3807.

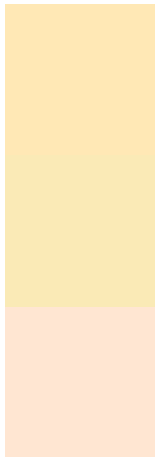


This preview shows how white text looks on a background with the Yxy color 82.3094, 0.3628, 0.3807.

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

82.3094, 0.3628, 0.3807

Protanopia

82.5470, 0.3579, 0.3822

Deuteranopia

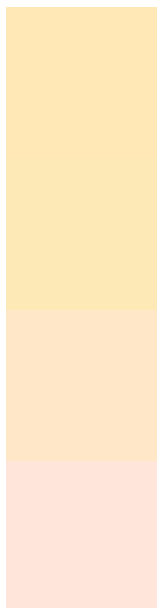
82.5068, 0.3435, 0.3492



Tritanopia

82.4302, 0.3244, 0.3172

Trichromacy



Original Color

82.3094, 0.3628, 0.3807

Protanomaly

82.3507, 0.3596, 0.3810

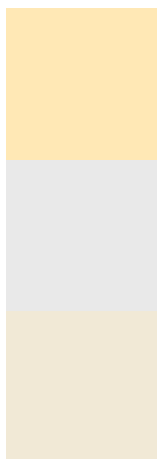
Deuteranomaly

82.5353, 0.3508, 0.3614

Tritanomaly

82.3606, 0.3382, 0.3401

Monochromacy



Original Color

82.3094, 0.3628, 0.3807

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.8336, 0.3304, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3094, 0.3628, 0.3807 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(255, 232, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 181)  
}
```

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(255, 232, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 181) }
```

Border

The CSS property to change the border of an element to Yxy 82.3094, 0.3628, 0.3807 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(255, 232, 181) }
```

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

```
.border{ border-color:rgb(255, 232, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3094, 0.3628, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 181) }
```

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

```
.background{ background-color: rgb(255,  
232, 181) }
```

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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