

Converting Colors

$Yxy(88.0410, 0.3860, 0.3820)$

Have a look what the booklet for
Yxy(88.0410, 0.3860, 0.3820)
contains.

| | |
|---|----|
| Yxy(82.6724, 0.3658, 0.3867) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(82.6724, 0.3658, 0.3867)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE9B0 |
| RGB | 255, 233, 176 |
| RGB Percent | 100%, 91%, 69% |
| CMY | 0.0002, 0.0862, 0.3098 |
| CMYK | 0.00, 0.09, 0.31, 0.00 |
| HSL | 43°, 100%, 85% |
| HSV | 43°, 31%, 100% |
| XYZ | 78.2042, 82.6724, 52.9129 |
| YIQ | 233.0800, 31.4090, -13.0630 |

Conversions

Conversions Part 2

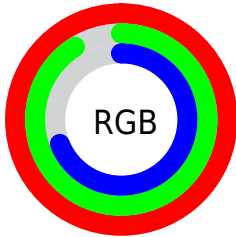
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 206, 255, 176 |
| Decimal | 16771504 |
| CIE _{Lab} | 92.87, -0.74, 30.47 |
| CIE _{LCh} | 93, 30.477, 91.400 |
| Yxy | 82.6724, 0.3658, 0.3867 |
| Android (android.graphics.Color) | 4294961584 (0xFFFFE9B0) |
| YUV | 233.0800, -28.1404, 19.2238 |
| Hunter-Lab | 90.9244, -5.5895, 29.1436 |

Details

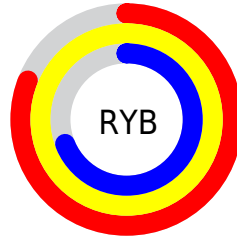
The Yxy color **82.6724, 0.3658, 0.3867** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.8114, 0.2604, 0.2636**, and the grayscale version is **81.7462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **44.7447, 0.3772, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **77.8284, 0.3852, 0.4054**, and if you desaturate by 10%, it is **87.8746, 0.3473, 0.3676**.

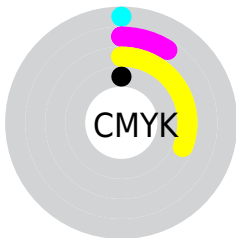
Distribution



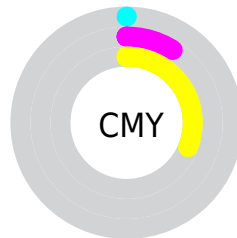
- Red (100%)
- Green (91%)
- Blue (69%)



- Red (81%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6724, 0.3658, 0.3867 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 82.6724, 0.3658, 0.3867 by changing the saturation by 10% instead.


 82.6724, 0.3658,
0.3867

 82.6724, 0.3658,
0.3867


503.8941, 0.3420,
0.3608

 61.9199, 0.3710,
0.3924

 137.1165, 0.3577,
0.3779

 44.9680, 0.3772,
0.3992


171.5770, 0.3546,
0.3744

 31.4322, 0.3849,
0.4077

211.3756, 0.3518,
0.3714

 20.9282, 0.3946,
0.4183

256.8967, 0.3494,
0.3688

 13.0715, 0.4069,
0.4319

308.5247, 0.3472,
0.3664

 7.4778, 0.4229,
0.4497

366.6440, 0.3453,

 3.7627, 0.4457,

0.3643

0.4752

431.6390, 0.3436,
0.3625

■ 1.5417, 0.4828,
0.5172

■ 0.3178, 0.4718,
0.5282

■ 82.6724, 0.3658,
0.3867

■ 82.6724, 0.3658,
0.3867

■ 77.8284, 0.3852,
0.4054

■ 87.8746, 0.3473,
0.3676

■ 73.3187, 0.4050,
0.4228

■ 93.4352, 0.3300,
0.3488

■ 69.1335, 0.4243,
0.4379

■ 99.3689, 0.3142,
0.3307

■ 65.2578, 0.4424,
0.4495

■ 99.9920, 0.3127,
0.3290

■ 61.6746, 0.4582,
0.4567

■ 58.3640, 0.4710,
0.4589

■ 55.5803, 0.4801,
0.4570

Harmonies

Analogous

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



82.6724, 0.3819, 0.3665



82.6724, 0.3658, 0.3867



82.6724, 0.3357, 0.3917

Triad

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



82.6724, 0.3658, 0.3867



82.6724, 0.2511, 0.3135



82.6724, 0.3221, 0.2869

Complementary

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



82.6724, 0.3658, 0.3867



56.8114, 0.2604, 0.2636

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.



82.6724, 0.2872, 0.2734



82.6724, 0.3658, 0.3867



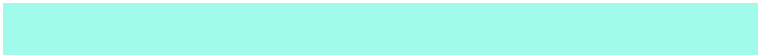
82.6724, 0.2478, 0.2867

Square

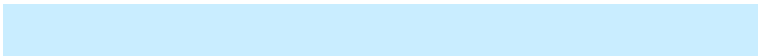
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6724, 0.3658, 0.3867



82.6724, 0.2699, 0.3474



82.6724, 0.2606, 0.2729



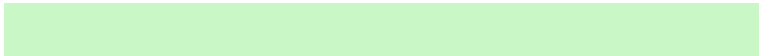
82.6724, 0.3561, 0.3102

Rectangle

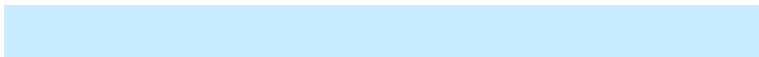
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6724, 0.3658, 0.3867



82.6724, 0.3123, 0.3841



82.6724, 0.2606, 0.2729



82.6724, 0.3100, 0.2811

Sweetspot

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



82.6762, 0.3658, 0.3867



94.6076, 0.3268, 0.3452



56.4004, 0.3633, 0.3059



20.0695, 0.3292, 0.3478



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

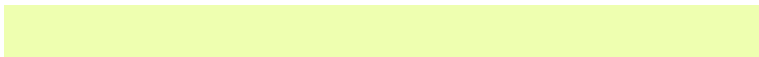
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6762, 0.3658, 0.3867



79.7398, 0.3774, 0.3981



92.7793, 0.3480, 0.4098



20.1872, 0.3276, 0.3461



29.3169, 0.4789, 0.4580



3.0384, 0.4705, 0.4646

Inverse Universe

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



56.8114, 0.2604, 0.2636



50.2448, 0.2492, 0.2484



49.6235, 0.2693, 0.2404



18.1992, 0.2979, 0.3113



6.3317, 0.1595, 0.0943



0.7907, 0.1655, 0.1158

Previews

White Background



This preview shows how the Yxy color 82.6724, 0.3658, 0.3867 looks on a white background.

Color Contrast Check

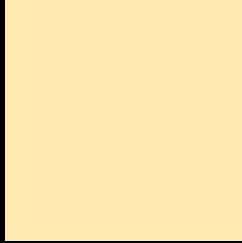
Large Text (above 18pt) WCAG AA × Fail

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 82.6724, 0.3658, 0.3867 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 82.6724, 0.3658, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 82.6724, 0.3658, 0.3867.



This preview shows how white text looks on a background with the Yxy color 82.6724, 0.3658, 0.3867.

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

82.6724, 0.3658, 0.3867

Protanopia

82.5292, 0.3619, 0.3872

Deuteranopia

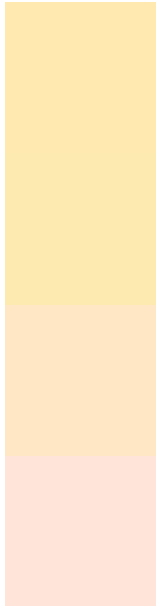
82.5068, 0.3435, 0.3492



Tritanopia

82.4894, 0.3237, 0.3162

Trichromacy



Original Color

82.6724, 0.3658, 0.3867

Protanomaly

82.7154, 0.3627, 0.3871

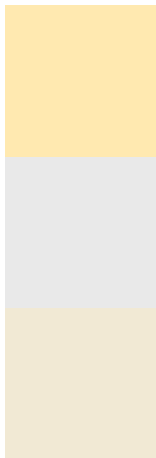
Deuteranomaly

82.4890, 0.3515, 0.3624

Tritanomaly

82.3084, 0.3389, 0.3411

Monochromacy



Original Color

82.6724, 0.3658, 0.3867

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.7321, 0.3317, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6724, 0.3658, 0.3867 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, 233, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 176)  
}
```

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, 233, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 176) }
```

Border

The CSS property to change the border of an element to Yxy 82.6724, 0.3658, 0.3867 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, 233, 176) }
```

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

```
.border{ border-color:rgb(255, 233, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 233, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6724, 0.3658, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 176) }
```

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

```
.background{ background-color: rgb(255,  
233, 176) }
```

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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