

Converting Colors

$Yxy(82.6541, 0.3488, 0.3885)$

Have a look what the booklet for
Yxy(82.6541, 0.3488, 0.3885)
contains.

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Color

Yxy(82.6624, 0.3489, 0.3888)

Conversions

Conversions Part 1

Format	Color
Hex	EEEEB5
RGB	238, 238, 181
RGB Percent	93%, 93%, 71%
CMY	0.0666, 0.0667, 0.2901
CMYK	0.00, 0.00, 0.24, 0.07
HSL	60°, 63%, 82%
HSV	60°, 24%, 93%
XYZ	74.1793, 82.6624, 55.7674
YIQ	231.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

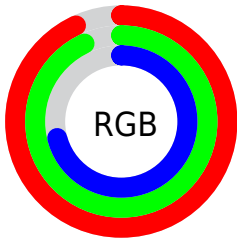
Format	Color
RYB	181, 238, 181
Decimal	15658677
CIELab	92.87, -8.91, 27.68
CIELCh	93, 29.080, 107.833
Yxy	82.6624, 0.3489, 0.3888
Android (android.graphics.Color)	4293848757 (0xFFEEEEEB5)
YUV	231.5020, -24.8975, 5.6987
Hunter-Lab	90.9189, -13.4726, 27.2762

Details

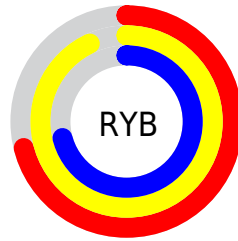
The Yxy color **82.6624, 0.3489, 0.3888** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.0575, 0.2717, 0.2613**, and the grayscale version is **80.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **44.9595, 0.3568, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **81.7676, 0.3639, 0.4136**, and if you desaturate by 10%, it is **83.7315, 0.3336, 0.3635**.

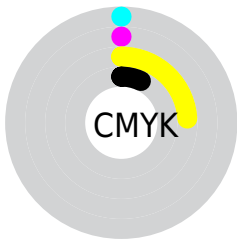
Distribution



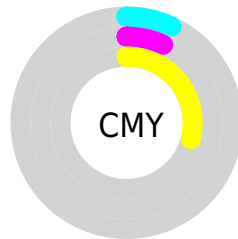
- Red (93%)
- Green (93%)
- Blue (71%)



- Red (71%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)




- Cyan (7%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6624, 0.3489, 0.3888 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 82.6624, 0.3489, 0.3888 by changing the saturation by 10% instead.


 82.6624, 0.3489,
0.3888

 82.6624, 0.3489,
0.3888


503.8607, 0.3329,
0.3614

 61.9117, 0.3523,
0.3950


 137.1025, 0.3435,
0.3794

 44.9613, 0.3565,
0.4025


171.5607, 0.3414,
0.3757

 31.4270, 0.3615,
0.4119

211.3569, 0.3395,
0.3725

 20.9242, 0.3678,
0.4240

256.8754, 0.3379,
0.3697

 13.0686, 0.3757,
0.4400

308.5006, 0.3364,
0.3673

 7.4758, 0.3857,
0.4620

366.6170, 0.3351,

 3.7614, 0.3984,

0.3651

0.4938

431.6089, 0.3340,
0.3631

■ 1.5410, 0.4320,
0.5680

■ 0.3173, 0.2097,
0.7903

■ 82.6624, 0.3489,
0.3888

■ 82.6624, 0.3489,
0.3888

■ 81.7676, 0.3639,
0.4136

■ 83.7315, 0.3336,
0.3635

■ 81.0276, 0.3781,
0.4370

■ 84.9717, 0.3185,
0.3386


■ 80.4368, 0.3908,
0.4580


■ 86.3940, 0.3040,
0.3146

■ 79.9850, 0.4015,
0.4757


■ 86.5626, 0.3025,
0.3121

 79.6608, 0.4098,
0.4894

 86.5659, 0.3025,
0.3121

 79.4509, 0.4154,
0.4986


 86.5692, 0.3025,
0.3121

 79.3391, 0.4184,
0.5037

 86.5725, 0.3025,
0.3121

 79.3043, 0.4194,
0.5052

 86.5758, 0.3025,
0.3121

 86.5791, 0.3025,
0.3121

Harmonies

Analogous

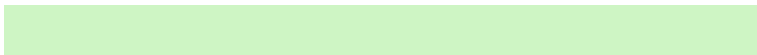
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6624, 0.3724, 0.3769



82.6624, 0.3489, 0.3888



82.6624, 0.3164, 0.3833

Triad

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



82.6624, 0.3489, 0.3888



82.6624, 0.2501, 0.2989



82.6624, 0.3402, 0.3000

Complementary

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



82.6624, 0.3489, 0.3888



49.0575, 0.2717, 0.2613

Split Complementary

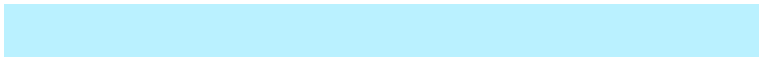
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6624, 0.3061, 0.2815



82.6624, 0.3489, 0.3888



82.6624, 0.2555, 0.2796

Square

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



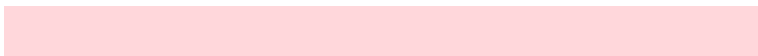
82.6624, 0.3489, 0.3888



82.6624, 0.2602, 0.3286



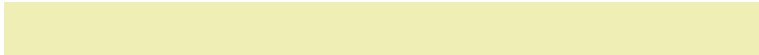
82.6624, 0.2755, 0.2739



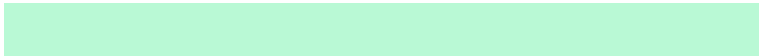
82.6624, 0.3677, 0.3257

Rectangle

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



82.6624, 0.3489, 0.3888



82.6624, 0.2943, 0.3697



82.6624, 0.2755, 0.2739



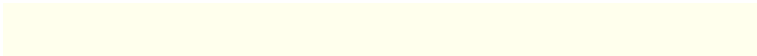
82.6624, 0.3291, 0.2928

Sweetspot

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



82.6661, 0.3489, 0.3888



98.9005, 0.3231, 0.3462



54.6083, 0.3619, 0.3281



21.1495, 0.3240, 0.3477



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.



82.6661, 0.3489, 0.3888



96.1070, 0.3567, 0.4017



78.2641, 0.3294, 0.3928



18.4584, 0.3268, 0.3523



44.2380, 0.4194, 0.5052



3.6804, 0.4194, 0.5052

Inverse Universe

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



49.0575, 0.2717, 0.2613



50.1250, 0.2614, 0.2442



52.7184, 0.2923, 0.2651



15.2294, 0.2979, 0.3046



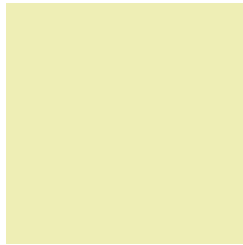
3.4449, 0.1500, 0.0600



0.2868, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 82.6624, 0.3489, 0.3888 looks on a white background.

Color Contrast Check

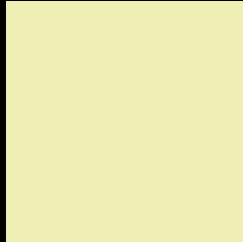
Large Text (above 18pt) WCAG AA × Fail

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 82.6624, 0.3489, 0.3888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

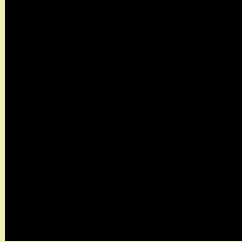
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6624, 0.3489, 0.3888

Background



This preview shows how black text looks on a background with the Yxy color 82.6624, 0.3489, 0.3888.

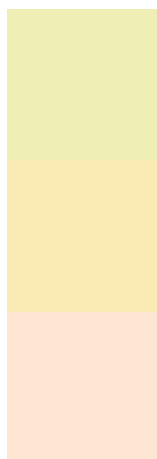


This preview shows how white text looks on a background with the Yxy color 82.6624, 0.3489, 0.3888.

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

82.6624, 0.3489, 0.3888

Protanopia

82.4243, 0.3599, 0.3853

Deuteranopia

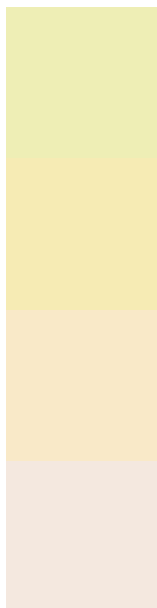
82.5568, 0.3428, 0.3482



Tritanopia

82.5282, 0.3136, 0.3112

Trichromacy



Original Color

82.6624, 0.3489, 0.3888

Protanomaly

82.3048, 0.3560, 0.3858

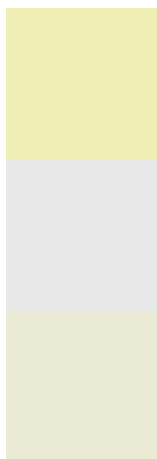
Deuteranomaly

82.5877, 0.3454, 0.3628

Tritanomaly

82.2740, 0.3267, 0.3382

Monochromacy



Original Color

82.6624, 0.3489, 0.3888

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.1422, 0.3260, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6624, 0.3489, 0.3888 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(238, 238, 181)` looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 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(238, 238, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 181) }
```

Border

The CSS property to change the border of an element to Yxy 82.6624, 0.3489, 0.3888 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(238, 238, 181) }
```

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

```
.border{ border-color:rgb(238, 238, 181) }
```

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

Here you see how a box with a 4 pixel rgb(238, 238, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 181);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6624, 0.3489, 0.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 181) }
```

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

```
.background{ background-color: rgb(238,  
238, 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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