

Converting Colors

$Yxy(83.1922, 0.3340, 0.3463)$

Have a look what the booklet for
Yxy(83.1922, 0.3340, 0.3463)
contains.

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Color

Yxy(83.1922, 0.3340, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	F8E9D8
RGB	248, 233, 216
RGB Percent	97%, 91%, 85%
CMY	0.0276, 0.0862, 0.1529
CMYK	0.00, 0.06, 0.13, 0.03
HSL	32°, 69%, 91%
HSV	32°, 13%, 97%
XYZ	80.2374, 83.1922, 76.8020
YIQ	235.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

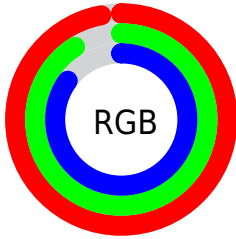
Format	Color
RYB	244, 248, 216
Decimal	16312792
CIELab	93.10, 2.30, 10.07
CIElCh	93, 10.327, 77.134
Yxy	83.1922, 0.3340, 0.3463
Android (android.graphics.Color)	4294502872 (0xFFFF8E9D8)
YUV	235.5470, -9.6367, 10.9213
Hunter-Lab	91.2098, -2.5904, 13.9224

Details

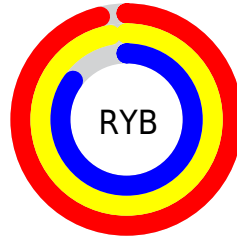
The Yxy color **83.1922, 0.3340, 0.3463** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.5081, 0.2925, 0.3111**, and the grayscale version is **83.5831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0939, 0.3387, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **75.6531, 0.3531, 0.3605**, and if you desaturate by 10%, it is **91.3641, 0.3172, 0.3328**.

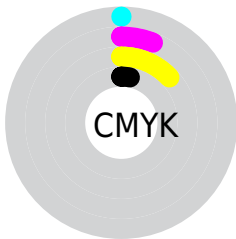
Distribution



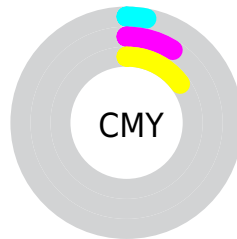
- Red (97%)
- Green (91%)
- Blue (85%)



- Red (96%)
- Yellow (97%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.1922, 0.3340, 0.3463 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 83.1922, 0.3340, 0.3463 by changing the saturation by 10% instead.


 83.1922, 0.3340,
0.3463

 83.1922, 0.3340,
0.3463


505.6268, 0.3244,
0.3385

 62.3487, 0.3362,
0.3480


137.8446, 0.3307,
0.3436

 45.3145, 0.3388,
0.3501


172.4223, 0.3294,
0.3426

 31.7052, 0.3421,
0.3527


212.3470, 0.3283,
0.3417

 21.1365, 0.3464,
0.3561

258.0028, 0.3273,
0.3409

 13.2238, 0.3521,
0.3606

309.7743, 0.3264,
0.3402

 7.5828, 0.3601,
0.3668

368.0459, 0.3257,

 3.8292, 0.3721,

0.3396

0.3759

433.2020, 0.3250,
0.3390

■ 1.5785, 0.3924,
0.3909

■ 0.3430, 0.5270,
0.4730

■ 83.1922, 0.3340,
0.3463

■ 83.1922, 0.3340,
0.3463

■ 75.6531, 0.3531,
0.3605

■ 91.3641, 0.3172,
0.3328

■ 68.7190, 0.3744,
0.3750

■ 98.6905, 0.3084,
0.3290

■ 62.3758, 0.3980,
0.3891

■ 56.6046, 0.4233,
0.4022

■ 51.3852, 0.4497,
0.4129

■ 46.6957, 0.4758,
0.4201

■ 42.5121, 0.5001,
0.4225

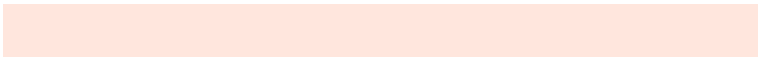
■ 38.8067, 0.5211,
0.4194

■ 36.4377, 0.5338,
0.4143

Harmonies

Analogous

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



83.1922, 0.3361, 0.3383



83.1922, 0.3340, 0.3463



83.1922, 0.3261, 0.3498

Triad

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



83.1922, 0.3340, 0.3463



83.1922, 0.2939, 0.3296



83.1922, 0.3104, 0.3113

Complementary

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



83.1922, 0.3340, 0.3463



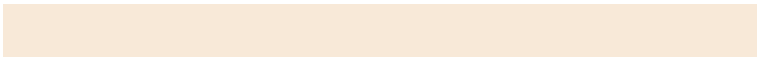
78.5081, 0.2925, 0.3111

Split Complementary

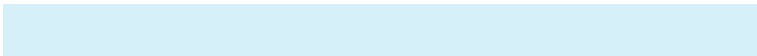
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1922, 0.2992, 0.3088



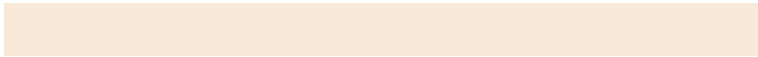
83.1922, 0.3340, 0.3463



83.1922, 0.2899, 0.3191

Square

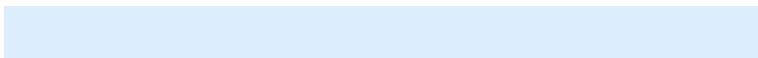
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1922, 0.3340, 0.3463



83.1922, 0.3030, 0.3401



83.1922, 0.2918, 0.3115



83.1922, 0.3223, 0.3183

Rectangle

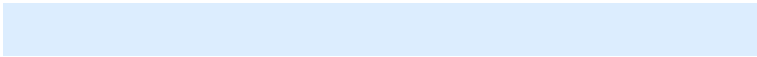
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.1922, 0.3340, 0.3463



83.1922, 0.3187, 0.3490



83.1922, 0.2918, 0.3115



83.1922, 0.3064, 0.3099

Sweetspot

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



83.1959, 0.3340, 0.3463



96.3530, 0.3190, 0.3342



74.8643, 0.3254, 0.3134



20.4793, 0.3202, 0.3352



0.0000, 0.0000, 0.0000



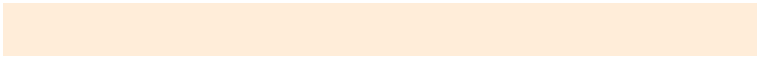
21.4041, 0.3127, 0.3290

Same Dimension

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



83.1959, 0.3340, 0.3463



86.8847, 0.3379, 0.3493



91.9267, 0.3317, 0.3610



18.7545, 0.3281, 0.3416



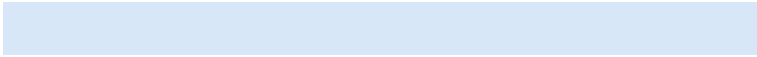
19.9731, 0.5315, 0.4162



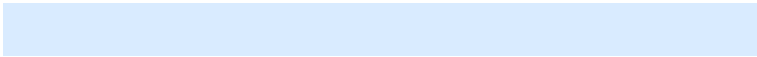
2.0622, 0.5144, 0.4297

Inverse Universe

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



78.5081, 0.2925, 0.3111



81.1483, 0.2891, 0.3078



70.5758, 0.2925, 0.2950



17.9820, 0.2980, 0.3160



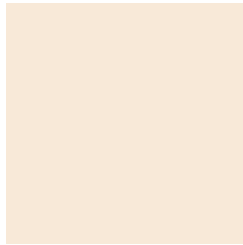
10.6887, 0.1742, 0.1470



1.2001, 0.1804, 0.1694

Previews

White Background



This preview shows how the Yxy color 83.1922, 0.3340, 0.3463 looks on a white background.

Color Contrast Check

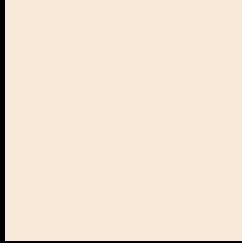
Large Text (above 18pt) WCAG AA × Fail

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 83.1922, 0.3340, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

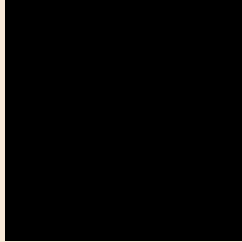
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

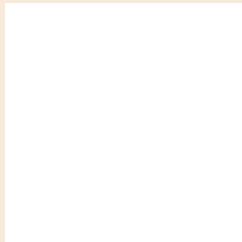
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.1922, 0.3340, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 83.1922, 0.3340, 0.3463.

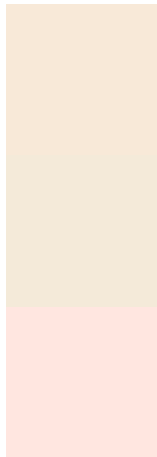


This preview shows how white text looks on a background with the Yxy color 83.1922, 0.3340, 0.3463.

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

83.1922, 0.3340, 0.3463

Protanopia

83.0885, 0.3304, 0.3464

Deuteranopia

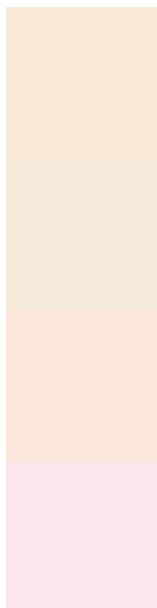
83.2354, 0.3341, 0.3350



Tritanopia

83.3879, 0.3176, 0.3123

Trichromacy



Original Color

83.1922, 0.3340, 0.3463

Protanomaly

83.2679, 0.3311, 0.3464

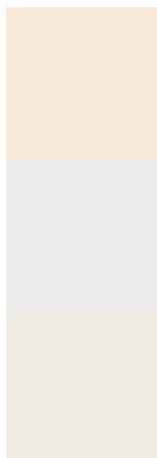
Deuteranomaly

83.0677, 0.3338, 0.3391

Tritanomaly

83.1010, 0.3240, 0.3241

Monochromacy



Original Color

83.1922, 0.3340, 0.3463

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.5991, 0.3199, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.1922, 0.3340, 0.3463 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(248, 233, 216)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 216)  
}
```

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(248, 233, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 216) }
```

Border

The CSS property to change the border of an element to Yxy 83.1922, 0.3340, 0.3463 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(248, 233, 216) }
```

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

```
.border{ border-color:rgb(248, 233, 216) }
```

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

Here you see how a box with a 4 pixel rgb(248, 233, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 216);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 83.1922, 0.3340, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 216) }
```

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

```
.background{ background-color: rgb(248,  
233, 216) }
```

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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