

Converting Colors

Yxy(83.2608, 0.3328, 0.3431)

Have a look what the booklet for
Yxy(83.2608, 0.3328, 0.3431)
contains.

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Color

Yxy(83.5320, 0.3328, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	F9E9DB
RGB	249, 233, 219
RGB Percent	98%, 91%, 86%
CMY	0.0234, 0.0863, 0.1412
CMYK	0.00, 0.06, 0.12, 0.02
HSL	28°, 72%, 92%
HSV	28°, 12%, 98%
XYZ	81.0007, 83.5320, 78.8589
YIQ	236.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

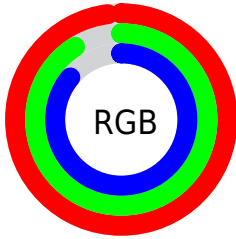
Format	Color
R_{YB}	249, 245, 219
Decimal	16378331
CIE Lab	93.25, 3.15, 8.75
CIE LCh	93, 9.299, 70.174
Yxy	83.5320, 0.3328, 0.3432
Android (android.graphics.Color)	4294568411 (0xFFFF9E9DB)
YUV	236.1880, -8.4737, 11.2361
Hunter-Lab	91.3958, -1.7448, 12.8200

Details

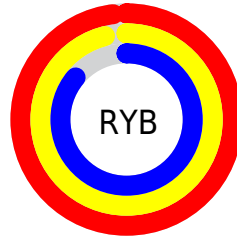
The Yxy color **83.5320, 0.3328, 0.3432** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.3332, 0.2939, 0.3144**, and the grayscale version is **84.0953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3311, 0.3370, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **75.0747, 0.3522, 0.3557**, and if you desaturate by 10%, it is **92.7601, 0.3159, 0.3314**.

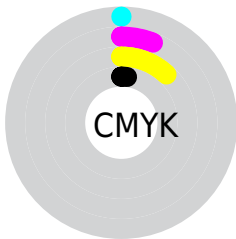
Distribution



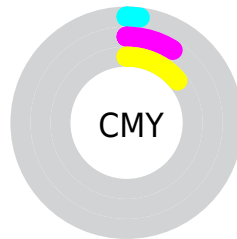
- Red (98%)
- Green (91%)
- Blue (86%)



- Red (98%)
- Yellow (96%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.5320, 0.3328, 0.3432 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 83.5320, 0.3328, 0.3432 by changing the saturation by 10% instead.


 83.5320, 0.3328,
0.3432

 83.5320, 0.3328,
0.3432

506.7578, 0.3237,
0.3368

 62.6291, 0.3348,
0.3446

138.3203, 0.3297,
0.3410

 45.5412, 0.3373,
0.3463


172.9746, 0.3285,
0.3402

 31.8840, 0.3405,
0.3485


212.9814, 0.3274,
0.3394

 21.2729, 0.3445,
0.3512

258.7251, 0.3265,
0.3388

 13.3236, 0.3499,
0.3548

310.5903, 0.3257,
0.3382

 7.6518, 0.3575,
0.3598

368.9612, 0.3249,

 3.8729, 0.3689,

0.3377

0.3672

434.2222, 0.3243,
0.3373

■ 1.6027, 0.3880,
0.3790

■ 0.3594, 0.5380,
0.4620

■ 83.5320, 0.3328,
0.3432

■ 83.5320, 0.3328,
0.3432

■ 75.0747, 0.3522,
0.3557

■ 92.7601, 0.3159,
0.3314

■ 67.3560, 0.3743,
0.3685

■ 98.8874, 0.3090,
0.3290

■ 60.3574, 0.3992,
0.3810

■ 54.0555, 0.4265,
0.3926

■ 48.4253, 0.4555,
0.4021

■ 43.4397, 0.4848,
0.4082

■ 39.0694, 0.5128,
0.4095

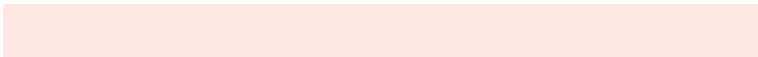
■ 35.2812, 0.5372,
0.4054

■ 32.6589, 0.5535,
0.3987

Harmonies

Analogous

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



83.5320, 0.3334, 0.3353



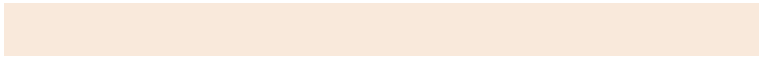
83.5320, 0.3328, 0.3432



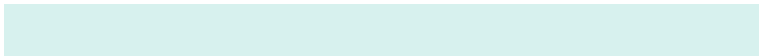
83.5320, 0.3268, 0.3474

Triad

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



83.5320, 0.3328, 0.3432



83.5320, 0.2973, 0.3318



83.5320, 0.3081, 0.3121

Complementary

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



83.5320, 0.3328, 0.3432



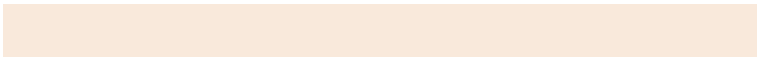
81.3332, 0.2939, 0.3144

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.



83.5320, 0.2987, 0.3110



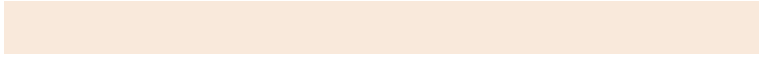
83.5320, 0.3328, 0.3432



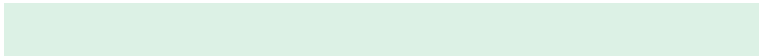
83.5320, 0.2925, 0.3221

Square

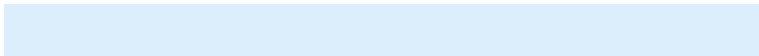
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5320, 0.3328, 0.3432



83.5320, 0.3063, 0.3409



83.5320, 0.2930, 0.3145



83.5320, 0.3190, 0.3176

Rectangle

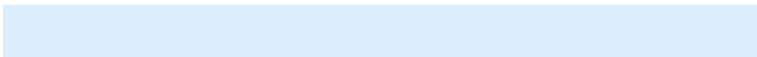
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.5320, 0.3328, 0.3432



83.5320, 0.3205, 0.3475



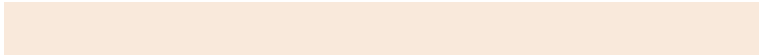
83.5320, 0.2930, 0.3145



83.5320, 0.3047, 0.3112

Sweetspot

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



83.5357, 0.3328, 0.3432



95.9351, 0.3190, 0.3336



76.8294, 0.3232, 0.3124



20.3736, 0.3202, 0.3345



0.0000, 0.0000, 0.0000



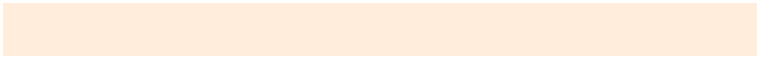
21.4041, 0.3127, 0.3290

Same Dimension

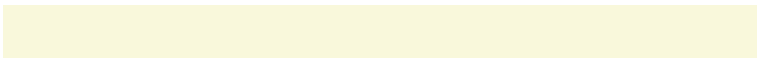
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5357, 0.3328, 0.3432



86.3475, 0.3364, 0.3456



92.1123, 0.3310, 0.3574



18.5590, 0.3282, 0.3401



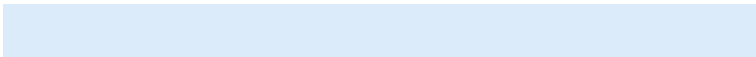
17.7537, 0.5508, 0.4008



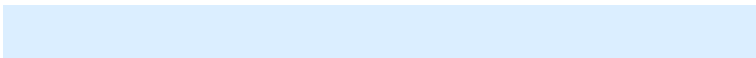
1.8542, 0.5311, 0.4165

Inverse Universe

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



81.3332, 0.2939, 0.3144



83.6847, 0.2908, 0.3118



73.3413, 0.2935, 0.2989



18.1776, 0.2980, 0.3177



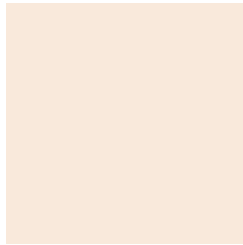
12.9177, 0.1803, 0.1690



1.4087, 0.1860, 0.1895

Previews

White Background



This preview shows how the Yxy color 83.5320, 0.3328, 0.3432 looks on a white background.

Color Contrast Check

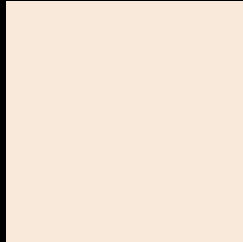
Large Text (above 18pt) WCAG AA × Fail

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 83.5320, 0.3328, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

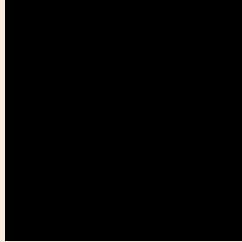
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.5320, 0.3328, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 83.5320, 0.3328, 0.3432.

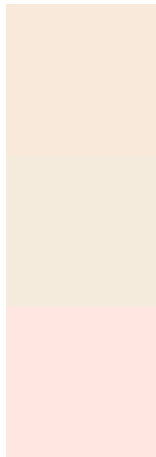


This preview shows how white text looks on a background with the Yxy color 83.5320, 0.3328, 0.3432.

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

83.5320, 0.3328, 0.3432

Protanopia

83.8171, 0.3284, 0.3443

Deuteranopia

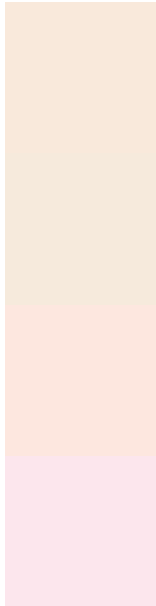
83.2899, 0.3334, 0.3340



Tritanopia

83.6367, 0.3176, 0.3114

Trichromacy



Original Color

83.5320, 0.3328, 0.3432

Protanomaly

83.6058, 0.3299, 0.3433

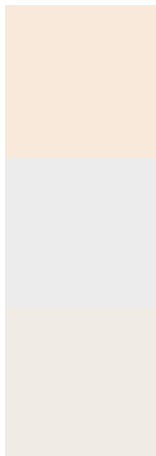
Deuteranomaly

83.3622, 0.3332, 0.3371

Tritanomaly

83.4035, 0.3234, 0.3221

Monochromacy



Original Color

83.5320, 0.3328, 0.3432

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.8306, 0.3199, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5320, 0.3328, 0.3432 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(249, 233, 219)` looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 219)  
}
```

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(249, 233, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 219) }
```

Border

The CSS property to change the border of an element to Yxy 83.5320, 0.3328, 0.3432 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(249, 233, 219) }
```

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

```
.border{ border-color:rgb(249, 233, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 233, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 219);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5320, 0.3328, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 233, 219) }
```

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

```
.background{ background-color: rgb(249,  
233, 219) }
```

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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