

Converting Colors

$Yxy(83.0408, 0.3341, 0.3453)$

Have a look what the booklet for
Yxy(83.0408, 0.3341, 0.3453)
contains.

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Color

Yxy(83.2440, 0.3334, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	F8E9D9
RGB	248, 233, 217
RGB Percent	97%, 91%, 85%
CMY	0.0274, 0.0863, 0.1491
CMYK	0.00, 0.06, 0.13, 0.03
HSL	31°, 69%, 91%
HSV	31°, 13%, 97%
XYZ	80.3752, 83.2440, 77.4581
YIQ	235.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

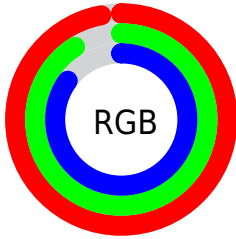
Format	Color
R _Y B	246, 248, 217
Decimal	16312793
CIE Lab	93.12, 2.47, 9.60
CIE LCh	93, 9.914, 75.560
Yxy	83.2440, 0.3334, 0.3453
Android (android.graphics.Color)	4294502873 (0xFFFF8E9D9)
YUV	235.6610, -9.1999, 10.8213
Hunter-Lab	91.2381, -2.4193, 13.5315

Details

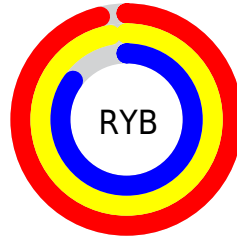
The Yxy color **83.2440, 0.3334, 0.3453** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.2298, 0.2931, 0.3121**, and the grayscale version is **83.6738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1293, 0.3378, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **75.4914, 0.3525, 0.3591**, and if you desaturate by 10%, it is **91.6594, 0.3166, 0.3322**.

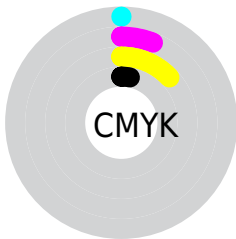
Distribution



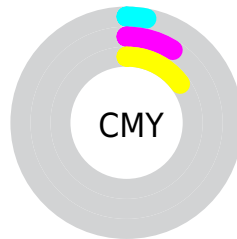
- Red (97%)
- Green (91%)
- Blue (85%)



- 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 83.2440, 0.3334, 0.3453 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 83.2440, 0.3334, 0.3453 by changing the saturation by 10% instead.


 83.2440, 0.3334,
0.3453

 83.2440, 0.3334,
0.3453


505.7993, 0.3240,
0.3380

 62.3915, 0.3355,
0.3469


137.9172, 0.3302,
0.3428

 45.3491, 0.3381,
0.3489


172.5066, 0.3289,
0.3418

 31.7325, 0.3413,
0.3514


212.4437, 0.3278,
0.3410

 21.1572, 0.3454,
0.3545

258.1130, 0.3269,
0.3402

 13.2390, 0.3510,
0.3587

309.8988, 0.3260,
0.3396

 7.5933, 0.3588,
0.3646

368.1855, 0.3253,

 3.8358, 0.3705,

0.3390

0.3732

433.3576, 0.3246,
0.3385

■ 1.5822, 0.3901,
0.3871

■ 0.3455, 0.5294,
0.4706

■ 83.2440, 0.3334,
0.3453

■ 83.2440, 0.3334,
0.3453

■ 75.4914, 0.3525,
0.3591

■ 91.6594, 0.3166,
0.3322

■ 68.3729, 0.3740,
0.3732

■ 98.6990, 0.3084,
0.3290

■ 61.8734, 0.3979,
0.3870

■ 55.9732, 0.4236,
0.3997

■ 50.6513, 0.4506,
0.4102

■ 45.8847, 0.4775,
0.4172

■ 41.6482, 0.5027,
0.4195

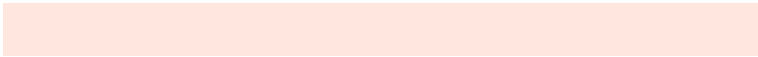
■ 37.9134, 0.5246,
0.4162

■ 35.4196, 0.5385,
0.4106

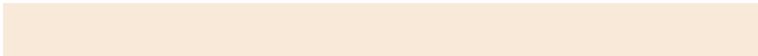
Harmonies

Analogous

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



83.2440, 0.3351, 0.3374



83.2440, 0.3334, 0.3453



83.2440, 0.3261, 0.3490

Triad

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



83.2440, 0.3334, 0.3453



83.2440, 0.2950, 0.3301



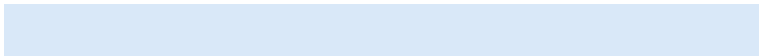
83.2440, 0.3099, 0.3117

Complementary

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



83.2440, 0.3334, 0.3453



79.2298, 0.2931, 0.3121

Split Complementary

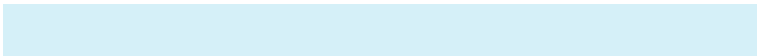
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2440, 0.2993, 0.3096



83.2440, 0.3334, 0.3453



83.2440, 0.2908, 0.3200

Square

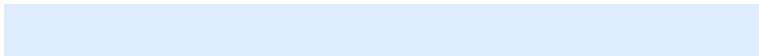
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.2440, 0.3334, 0.3453



83.2440, 0.3039, 0.3401



83.2440, 0.2924, 0.3125



83.2440, 0.3214, 0.3182

Rectangle

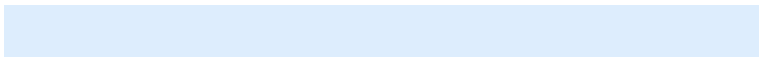
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.2440, 0.3334, 0.3453



83.2440, 0.3191, 0.3484



83.2440, 0.2924, 0.3125



83.2440, 0.3061, 0.3105

Sweetspot

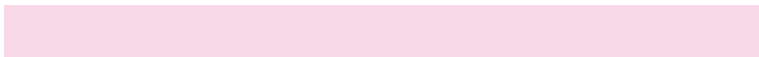
The Sweet Spot groups the original color and five complimentary colors.



83.2477, 0.3334, 0.3453



96.2537, 0.3190, 0.3341



75.4256, 0.3247, 0.3133



20.4542, 0.3202, 0.3351



0.0000, 0.0000, 0.0000



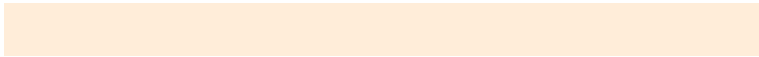
21.4041, 0.3127, 0.3290

Same Dimension

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



83.2477, 0.3334, 0.3453



86.5383, 0.3380, 0.3487



92.1107, 0.3315, 0.3600



18.7080, 0.3281, 0.3413



19.4139, 0.5361, 0.4125



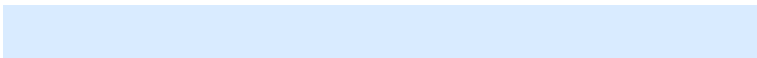
2.0104, 0.5184, 0.4266

Inverse Universe

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



79.2298, 0.2931, 0.3121



81.4910, 0.2891, 0.3085



71.1382, 0.2928, 0.2960



18.0283, 0.2980, 0.3164



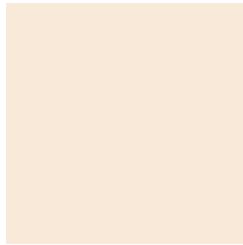
11.1856, 0.1756, 0.1521



1.2472, 0.1817, 0.1741

Previews

White Background



This preview shows how the Yxy color 83.2440, 0.3334, 0.3453 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 83.2440, 0.3334, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

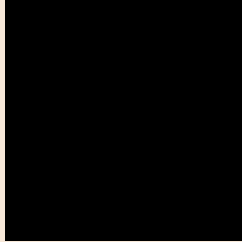
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.2440, 0.3334, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 83.2440, 0.3334, 0.3453.

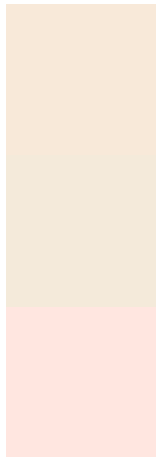


This preview shows how white text looks on a background with the Yxy color 83.2440, 0.3334, 0.3453.

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

83.2440, 0.3334, 0.3453

Protanopia

83.1407, 0.3298, 0.3454

Deuteranopia

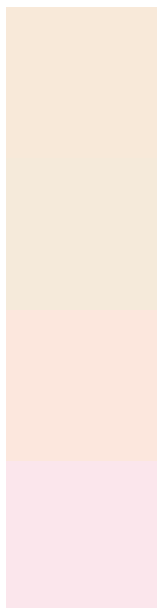
83.2354, 0.3341, 0.3350



Tritanopia

83.4495, 0.3170, 0.3113

Trichromacy



Original Color

83.2440, 0.3334, 0.3453

Protanomaly

83.3201, 0.3305, 0.3453

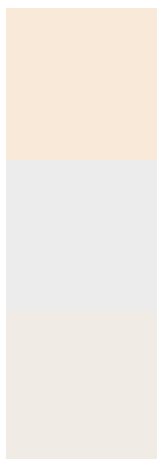
Deuteranomaly

83.0677, 0.3338, 0.3391

Tritanomaly

83.1590, 0.3233, 0.3231

Monochromacy



Original Color

83.2440, 0.3334, 0.3453

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 83.2440, 0.3334, 0.3453 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 217) }
```

Border

The CSS property to change the border of an element to Yxy 83.2440, 0.3334, 0.3453 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, 217) }
```

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

```
.border{ border-color:rgb(248, 233, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 217);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 83.2440, 0.3334, 0.3453 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, 217) }
```

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

```
.background{ background-color: rgb(248,  
233, 217) }
```

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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