

Converting Colors

$Y_{xy}(83.8717, 0.3375, 0.3472)$

Have a look what the booklet for
Yxy(83.8717, 0.3375, 0.3472)
contains.

Yxy(83.8796, 0.3375, 0.3472)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(83.8796, 0.3375, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	FCE9D7
RGB	252, 233, 215
RGB Percent	99%, 91%, 84%
CMY	0.0119, 0.0862, 0.1569
CMYK	0.00, 0.08, 0.15, 0.01
HSL	29°, 86%, 92%
HSV	29°, 15%, 99%
XYZ	81.5362, 83.8796, 76.1729
YIQ	236.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

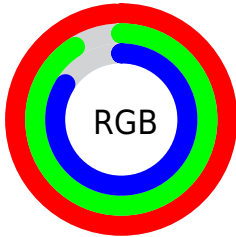
Format	Color
R_{YB}	252, 250, 215
Decimal	16574935
CIE _{Lab}	93.40, 3.54, 11.07
CIE _{LCh}	93, 11.625, 72.250
Yxy	83.8796, 0.3375, 0.3472
Android (android.graphics.Color)	4294765015 (0xFFFC9D7)
YUV	236.6290, -10.6631, 13.4804
Hunter-Lab	91.5858, -1.3618, 14.7979

Details

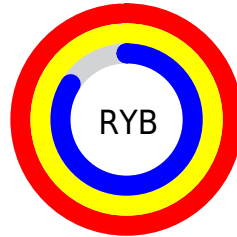
The Yxy color **83.8796, 0.3375, 0.3472** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.2717, 0.2897, 0.3101**, and the grayscale version is **84.4597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.5844, 0.3432, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **75.6442, 0.3574, 0.3604**, and if you desaturate by 10%, it is **92.8563, 0.3201, 0.3346**.

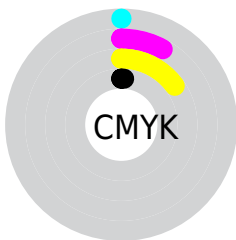
Distribution



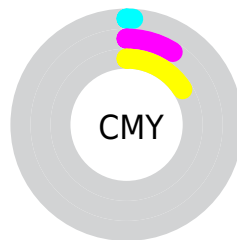
- Red (99%)
- Green (91%)
- Blue (84%)



- Red (99%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.8796, 0.3375, 0.3472 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 83.8796, 0.3375, 0.3472 by changing the saturation by 10% instead.

83.8796, 0.3375,
0.3472

83.8796, 0.3375,
0.3472

507.9133, 0.3263,
0.3391

62.9160, 0.3400,
0.3490

138.8067, 0.3337,
0.3444

45.7733, 0.3431,
0.3512

173.5391, 0.3321,
0.3433

32.0670, 0.3469,
0.3539

213.6299, 0.3308,
0.3424

21.4126, 0.3519,
0.3574

259.4634, 0.3297,
0.3416

13.4260, 0.3585,
0.3619

311.4241, 0.3287,
0.3408

7.7225, 0.3678,
0.3682

369.8964, 0.3278,

3.9179, 0.3816,

0.3402

0.3774

435.2647, 0.3270,
0.3396

■ 1.6277, 0.4050,
0.3923

■ 0.3762, 0.5414,
0.4586

■ 83.8796, 0.3375,
0.3472

■ 83.8796, 0.3375,
0.3472

■ 75.6442, 0.3574,
0.3604

■ 92.8563, 0.3201,
0.3346

■ 68.1184, 0.3799,
0.3737

■ 99.4274, 0.3108,
0.3290

■ 61.2844, 0.4049,
0.3867

■ 55.1194, 0.4321,
0.3983

■ 49.5991, 0.4604,
0.4075

■ 44.6969, 0.4885,
0.4130

■ 40.3837, 0.5146,
0.4134

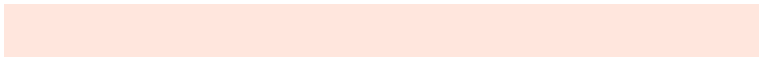
■ 36.6262, 0.5368,
0.4083

■ 34.8317, 0.5471,
0.4038

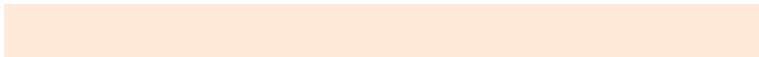
Harmonies

Analogous

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



83.8796, 0.3387, 0.3376



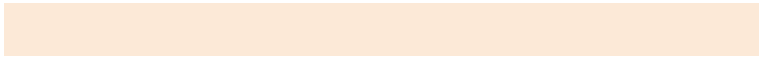
83.8796, 0.3375, 0.3472



83.8796, 0.3295, 0.3522

Triad

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



83.8796, 0.3375, 0.3472



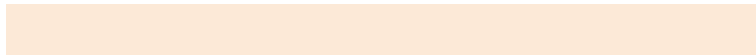
83.8796, 0.2930, 0.3316



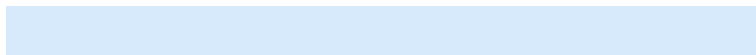
83.8796, 0.3079, 0.3083

Complementary

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



83.8796, 0.3375, 0.3472



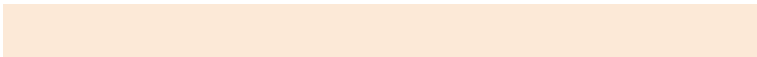
80.2717, 0.2897, 0.3101

Split Complementary

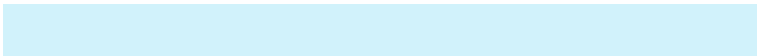
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8796, 0.2959, 0.3065



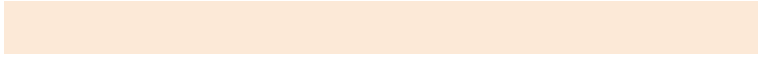
83.8796, 0.3375, 0.3472



83.8796, 0.2874, 0.3196

Square

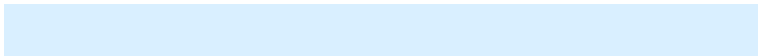
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.8796, 0.3375, 0.3472



83.8796, 0.3038, 0.3432



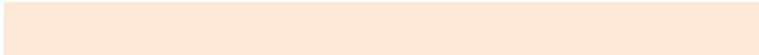
83.8796, 0.2885, 0.3104



83.8796, 0.3214, 0.3154

Rectangle

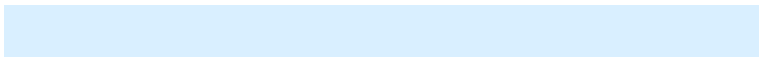
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8796, 0.3375, 0.3472



83.8796, 0.3216, 0.3520



83.8796, 0.2885, 0.3104



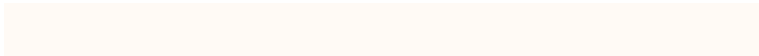
83.8796, 0.3035, 0.3071

Sweetspot

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



83.8833, 0.3375, 0.3472



96.0724, 0.3190, 0.3338



75.2272, 0.3266, 0.3099



20.4083, 0.3202, 0.3347



0.0000, 0.0000, 0.0000



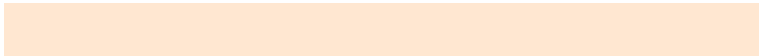
21.4041, 0.3127, 0.3290

Same Dimension

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



83.8833, 0.3375, 0.3472



83.2958, 0.3439, 0.3515



94.8004, 0.3349, 0.3649



18.6231, 0.3282, 0.3406



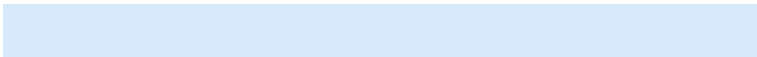
18.4442, 0.5445, 0.4059



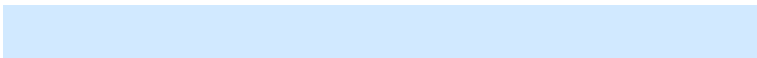
1.9197, 0.5256, 0.4209

Inverse Universe

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



80.2717, 0.2897, 0.3101



78.8463, 0.2843, 0.3054



70.3792, 0.2890, 0.2904



18.1131, 0.2980, 0.3171



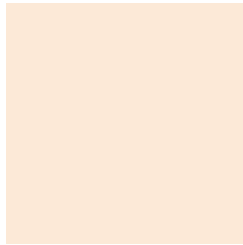
12.1452, 0.1782, 0.1616



1.3372, 0.1841, 0.1828

Previews

White Background



This preview shows how the Yxy color 83.8796, 0.3375, 0.3472 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 83.8796, 0.3375, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

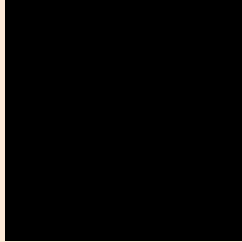
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.8796, 0.3375, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 83.8796, 0.3375, 0.3472.

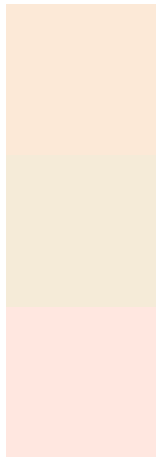


This preview shows how white text looks on a background with the Yxy color 83.8796, 0.3375, 0.3472.

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

83.8796, 0.3375, 0.3472

Protanopia

83.7870, 0.3317, 0.3484

Deuteranopia

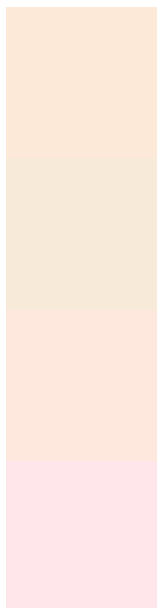
83.7936, 0.3339, 0.3360



Tritanopia

83.9524, 0.3196, 0.3124

Trichromacy



Original Color

83.8796, 0.3375, 0.3472

Protanomaly

83.7600, 0.3339, 0.3473

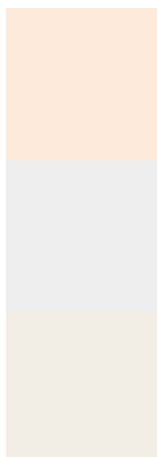
Deuteranomaly

84.0045, 0.3351, 0.3400

Tritanomaly

83.6626, 0.3260, 0.3241

Monochromacy



Original Color

83.8796, 0.3375, 0.3472

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.5253, 0.3211, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.8796, 0.3375, 0.3472 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(252, 233, 215)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 215)  
}
```

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(252, 233, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 215) }
```

Border

The CSS property to change the border of an element to Yxy 83.8796, 0.3375, 0.3472 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(252, 233, 215) }
```

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

```
.border{ border-color:rgb(252, 233, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 233, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 83.8796, 0.3375, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 215) }
```

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

```
.background{ background-color: rgb(252,  
233, 215) }
```

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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