

Converting Colors

$Yxy(83.8676, 0.3338, 0.3406)$

Have a look what the booklet for
Yxy(83.8676, 0.3338, 0.3406)
contains.

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Color

Yxy(83.6291, 0.3337, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	FCE8DD
RGB	252, 232, 221
RGB Percent	99%, 91%, 87%
CMY	0.0117, 0.0902, 0.1334
CMYK	0.00, 0.08, 0.12, 0.01
HSL	21°, 84%, 93%
HSV	21°, 12%, 99%
XYZ	82.0554, 83.6291, 80.2112
YIQ	236.7260, 15.4510, 0.8190

Conversions

Conversions Part 2

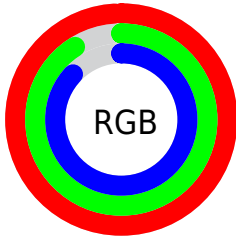
Format	Color
R _Y B	252, 238, 221
Decimal	16574685
CIE Lab	93.29, 5.02, 7.80
CIE LCh	93, 9.276, 57.235
Yxy	83.6291, 0.3337, 0.3401
Android (android.graphics.Color)	4294764765 (0xFFFC E8DD)
YUV	236.7260, -7.7529, 13.3953
Hunter-Lab	91.4489, 0.1289, 12.0102

Details

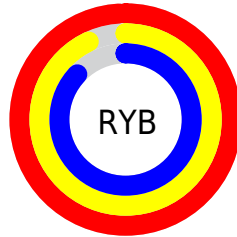
The Yxy color **83.6291, 0.3337, 0.3401** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3096, 0.2936, 0.3176**, and the grayscale version is **84.5213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4059, 0.3382, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **73.6570, 0.3541, 0.3497**, and if you desaturate by 10%, it is **94.6566, 0.3163, 0.3310**.

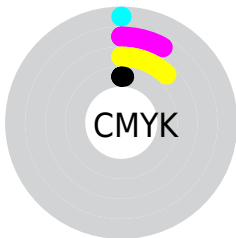
Distribution



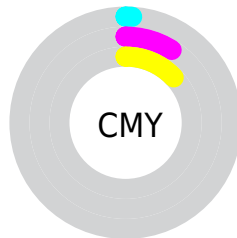
- Red (99%)
- Green (91%)
- Blue (87%)



- Red (99%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.6291, 0.3337, 0.3401 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 83.6291, 0.3337, 0.3401 by changing the saturation by 10% instead.

 83.6291, 0.3337,
0.3401

 83.6291, 0.3337,
0.3401


507.0808, 0.3242,
0.3352

 62.7093, 0.3358,
0.3412


138.4562, 0.3304,
0.3384

 45.6060, 0.3384,
0.3425


173.1323, 0.3292,
0.3378

 31.9351, 0.3417,
0.3441


213.1626, 0.3280,
0.3372

 21.3119, 0.3459,
0.3462

258.9314, 0.3271,
0.3367

 13.3522, 0.3516,
0.3490

310.8233, 0.3262,
0.3362

 7.6715, 0.3596,
0.3527

369.2225, 0.3255,

 3.8855, 0.3716,

0.3358

0.3582

434.5136, 0.3248,
0.3355

■ 1.6097, 0.3918,
0.3668

■ 0.3641, 0.5628,
0.4372

■ 83.6291, 0.3337,
0.3401

■ 83.6291, 0.3337,
0.3401

■ 73.6570, 0.3541,
0.3497

■ 94.6566, 0.3163,
0.3310

■ 64.6974, 0.3779,
0.3596

■ 99.4389, 0.3109,
0.3290

■ 56.7206, 0.4054,
0.3693

■ 49.6911, 0.4364,
0.3780

■ 43.5712, 0.4702,
0.3848

■ 38.3203, 0.5050,
0.3883

■ 33.8942, 0.5384,
0.3873

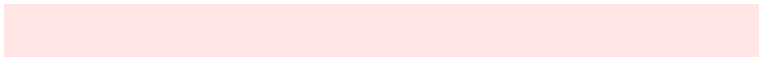
■ 30.2435, 0.5673,
0.3811

■ 27.9230, 0.5853,
0.3735

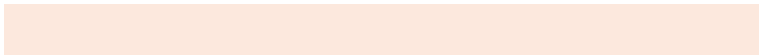
Harmonies

Analogous

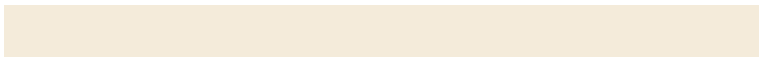
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6291, 0.3317, 0.3313



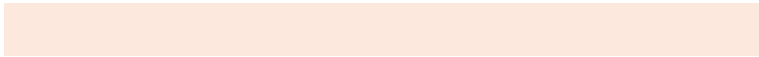
83.6291, 0.3337, 0.3401



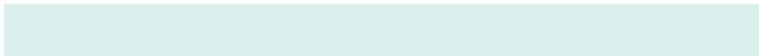
83.6291, 0.3299, 0.3461

Triad

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



83.6291, 0.3337, 0.3401



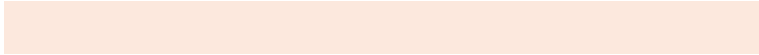
83.6291, 0.3008, 0.3360



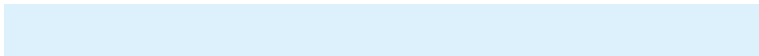
83.6291, 0.3037, 0.3111

Complementary

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



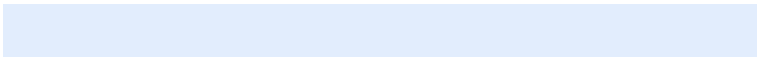
83.6291, 0.3337, 0.3401



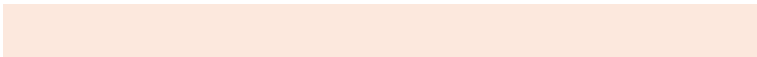
85.3096, 0.2936, 0.3176

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.



83.6291, 0.2957, 0.3120



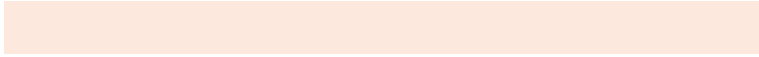
83.6291, 0.3337, 0.3401



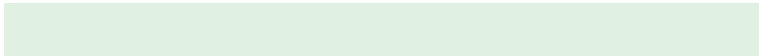
83.6291, 0.2941, 0.3262

Square

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



83.6291, 0.3337, 0.3401



83.6291, 0.3109, 0.3439



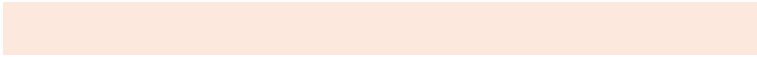
83.6291, 0.2922, 0.3174



83.6291, 0.3143, 0.3148

Rectangle

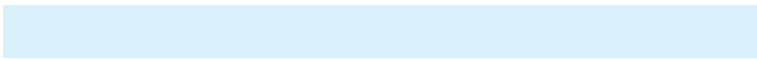
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6291, 0.3337, 0.3401



83.6291, 0.3247, 0.3477



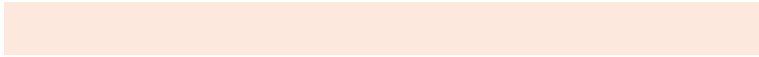
83.6291, 0.2922, 0.3174



83.6291, 0.3007, 0.3109

Sweetspot

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



83.6328, 0.3337, 0.3401



95.2346, 0.3191, 0.3325



78.7633, 0.3213, 0.3090



20.1965, 0.3203, 0.3332



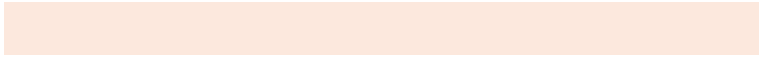
0.0000, 0.0000, 0.0000



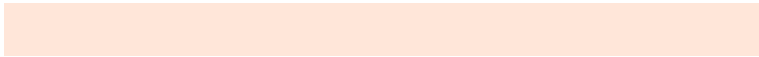
21.4041, 0.3127, 0.3290

Same Dimension

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



83.6328, 0.3337, 0.3401



83.0343, 0.3389, 0.3427



92.6623, 0.3318, 0.3551



18.2335, 0.3285, 0.3375



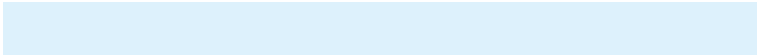
14.7942, 0.5823, 0.3759



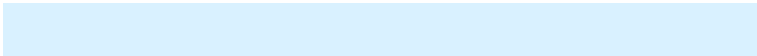
1.5619, 0.5595, 0.3939

Inverse Universe

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



85.3096, 0.2936, 0.3176



85.0929, 0.2893, 0.3150



76.5954, 0.2932, 0.3015



18.5109, 0.2980, 0.3204



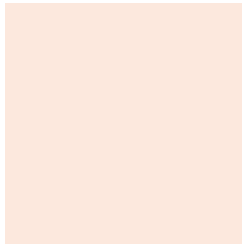
17.5078, 0.1912, 0.2082



1.8213, 0.1956, 0.2243

Previews

White Background



This preview shows how the Yxy color 83.6291, 0.3337, 0.3401 looks on a white background.

Color Contrast Check

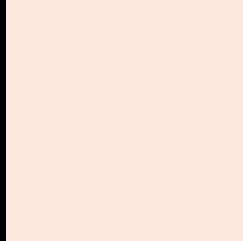
Large Text (above 18pt) WCAG AA × Fail

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 83.6291, 0.3337, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

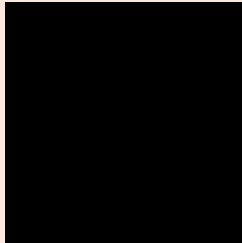
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

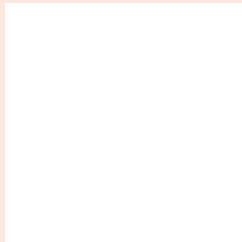
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.6291, 0.3337, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 83.6291, 0.3337, 0.3401.

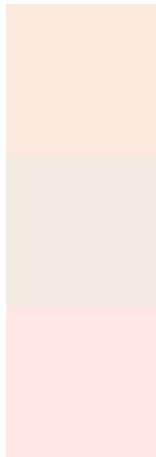


This preview shows how white text looks on a background with the Yxy color 83.6291, 0.3337, 0.3401.

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

83.6291, 0.3337, 0.3401

Protanopia

83.7991, 0.3257, 0.3413

Deuteranopia

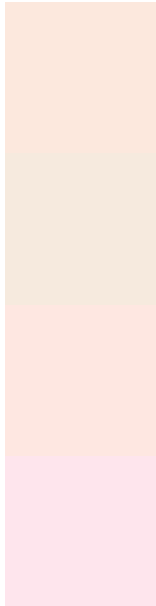
83.3997, 0.3320, 0.3320



Tritanopia

83.4006, 0.3197, 0.3114

Trichromacy



Original Color

83.6291, 0.3337, 0.3401

Protanomaly

83.7124, 0.3286, 0.3412

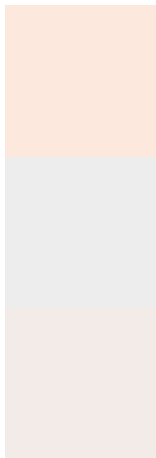
Deuteranomaly

83.6589, 0.3326, 0.3350

Tritanomaly

83.2239, 0.3248, 0.3211

Monochromacy



Original Color

83.6291, 0.3337, 0.3401

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.0634, 0.3199, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.6291, 0.3337, 0.3401 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, 232, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 221)  
}
```

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, 232, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 221) }
```

Border

The CSS property to change the border of an element to Yxy 83.6291, 0.3337, 0.3401 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, 232, 221) }
```

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

```
.border{ border-color:rgb(252, 232, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 232, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 83.6291, 0.3337, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 221) }
```

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

```
.background{ background-color: rgb(252,  
232, 221) }
```

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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