

Converting Colors

$Y_{xy}(91.0259, 0.3244, 0.3389)$

Have a look what the booklet for
Yxy(91.0259, 0.3244, 0.3389)
contains.

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Color

Yxy(91.2800, 0.3247, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FCF4E9
RGB	252, 244, 233
RGB Percent	99%, 96%, 91%
CMY	0.0115, 0.0432, 0.0862
CMYK	0.00, 0.03, 0.08, 0.01
HSL	35°, 76%, 95%
HSV	35°, 8%, 99%
XYZ	87.2237, 91.2800, 90.1249
YIQ	245.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

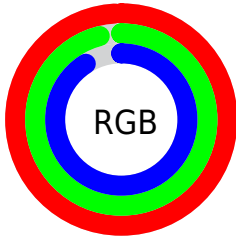
Format	Color
R _{YB}	247, 252, 233
Decimal	16577769
CIE Lab	96.53, 0.86, 6.23
CIE LCh	97, 6.285, 82.093
Yxy	91.2800, 0.3247, 0.3398
Android (android.graphics.Color)	4294767849 (0xFFFCF4E9)
YUV	245.1380, -5.9840, 6.0180
Hunter-Lab	95.5406, -4.2345, 10.9492

Details

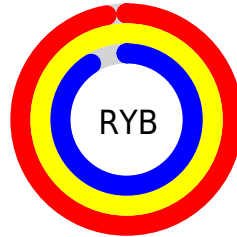
The Yxy color **91.2800, 0.3247, 0.3398** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.3317, 0.3010, 0.3180**, and the grayscale version is **91.4817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7429, 0.3272, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **83.6924, 0.3423, 0.3548**, and if you desaturate by 10%, it is **99.2457, 0.3109, 0.3287**.

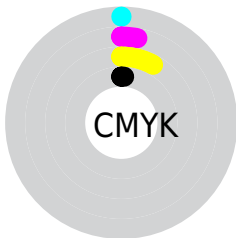
Distribution



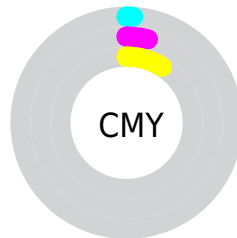
- Red (99%)
- Green (96%)
- Blue (91%)



- Red (97%)
- Yellow (99%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2800, 0.3247, 0.3398 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 91.2800, 0.3247, 0.3398 by changing the saturation by 10% instead.

 91.2800, 0.3247,
0.3398

 91.2800, 0.3247,
0.3398

532.1859, 0.3194,
0.3350

 69.0428, 0.3259,
0.3408


149.1151, 0.3229,
0.3382

 50.7465, 0.3273,
0.3421

185.4817, 0.3222,
0.3375

 36.0069, 0.3291,
0.3437


227.3270, 0.3216,
0.3370

 24.4395, 0.3313,
0.3457

275.0352, 0.3210,
0.3365

 15.6600, 0.3343,
0.3484

328.9908, 0.3205,
0.3361

 9.2839, 0.3384,
0.3520

389.5782, 0.3201,

 4.9268, 0.3445,

0.3357

0.3574

457.1818, 0.3197,
0.3353

■ 2.2044, 0.3542,
0.3659

■ 0.7224, 0.3973,
0.4055

■ 91.2800, 0.3247,
0.3398

■ 91.2800, 0.3247,
0.3398

■ 83.6924, 0.3423,
0.3548

■ 99.2457, 0.3109,
0.3287

■ 76.6653, 0.3620,
0.3703

■ 99.4484, 0.3109,
0.3290

■ 70.1870, 0.3837,
0.3858

■ 64.2409, 0.4070,
0.4006

■ 58.8092, 0.4315,
0.4136

■ 53.8726, 0.4560,
0.4238

■ 49.4100, 0.4793,
0.4298

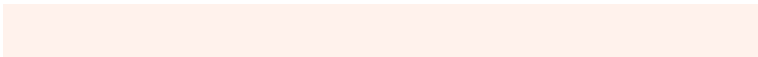
■ 45.3977, 0.5001,
0.4306

■ 41.8063, 0.5172,
0.4261

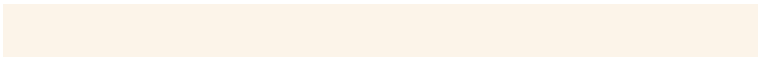
Harmonies

Analogous

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



91.2800, 0.3265, 0.3355



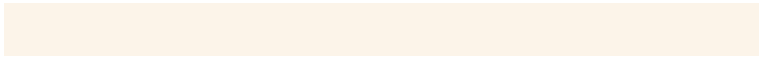
91.2800, 0.3247, 0.3398



91.2800, 0.3196, 0.3413

Triad

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



91.2800, 0.3247, 0.3398



91.2800, 0.3010, 0.3283



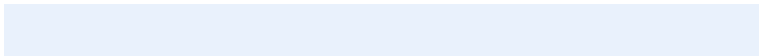
91.2800, 0.3126, 0.3190

Complementary

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



91.2800, 0.3247, 0.3398



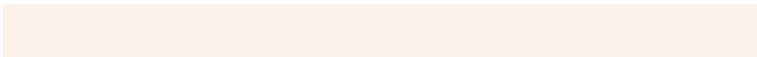
87.3317, 0.3010, 0.3180

Split Complementary

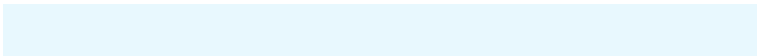
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2800, 0.3058, 0.3170



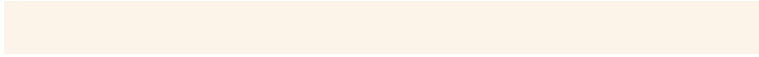
91.2800, 0.3247, 0.3398



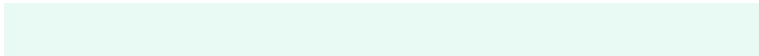
91.2800, 0.2991, 0.3223

Square

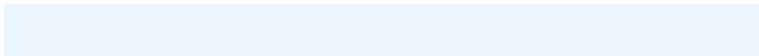
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2800, 0.3247, 0.3398



91.2800, 0.3059, 0.3346



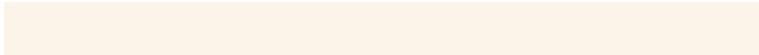
91.2800, 0.3008, 0.3182



91.2800, 0.3195, 0.3235

Rectangle

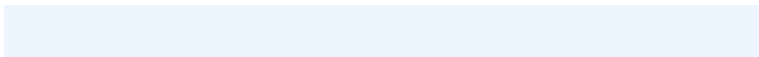
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.2800, 0.3247, 0.3398



91.2800, 0.3151, 0.3404



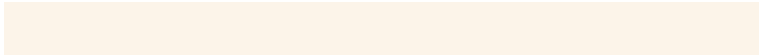
91.2800, 0.3008, 0.3182



91.2800, 0.3102, 0.3180

Sweetspot

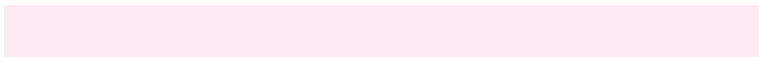
The Sweet Spot groups the original color and five complimentary colors.



91.2840, 0.3247, 0.3398



98.3025, 0.3158, 0.3318



85.3639, 0.3204, 0.3209



21.0587, 0.3156, 0.3317



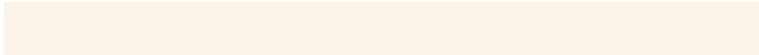
0.0000, 0.0000, 0.0000



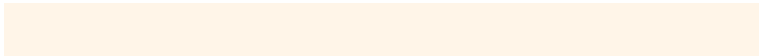
21.4041, 0.3127, 0.3290

Same Dimension

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



91.2840, 0.3247, 0.3398



92.5508, 0.3271, 0.3419



96.0204, 0.3231, 0.3476



18.8843, 0.3279, 0.3426



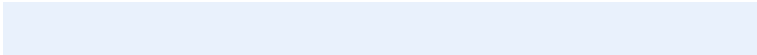
21.6347, 0.5189, 0.4262



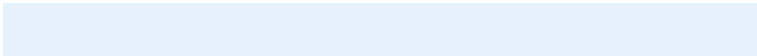
2.2138, 0.5037, 0.4382

Inverse Universe

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



87.3317, 0.3010, 0.3180



87.7639, 0.2987, 0.3157



82.8622, 0.3019, 0.3098



17.8541, 0.2979, 0.3150



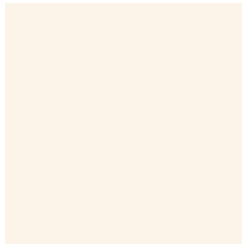
9.4117, 0.1704, 0.1333



1.0768, 0.1768, 0.1565

Previews

White Background



This preview shows how the Yxy color 91.2800, 0.3247, 0.3398 looks on a white background.

Color Contrast Check

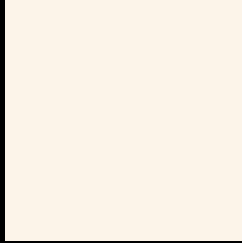
Large Text (above 18pt) WCAG AA × Fail

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 91.2800, 0.3247, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

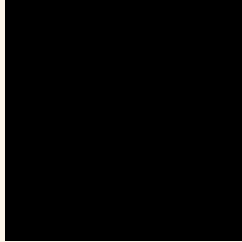
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.2800, 0.3247, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 91.2800, 0.3247, 0.3398.

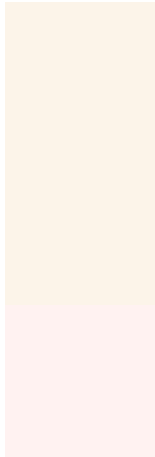


This preview shows how white text looks on a background with the Yxy color 91.2800, 0.3247, 0.3398.

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

91.2800, 0.3247, 0.3398

Protanopia

91.2800, 0.3247, 0.3398

Deuteranopia

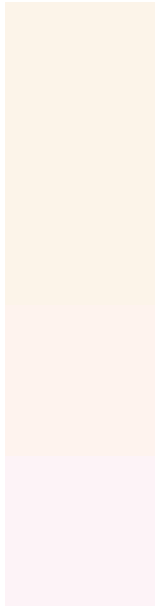
91.1151, 0.3219, 0.3300



Tritanopia

91.6069, 0.3120, 0.3165

Trichromacy



Original Color

91.2800, 0.3247, 0.3398

Protanomaly

91.2800, 0.3247, 0.3398

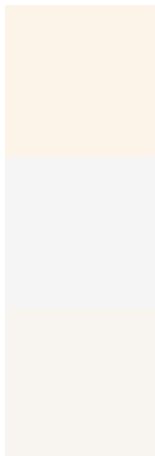
Deuteranomaly

91.3451, 0.3230, 0.3339

Tritanomaly

91.6992, 0.3168, 0.3251

Monochromacy



Original Color

91.2800, 0.3247, 0.3398

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.6121, 0.3171, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2800, 0.3247, 0.3398 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, 244, 233)` looks like.

```
.text, #text, p{  
    color:rgb(252, 244, 233)  
}
```

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, 244, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 244, 233) }
```

Border

The CSS property to change the border of an element to Yxy 91.2800, 0.3247, 0.3398 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, 244, 233) }
```

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

```
.border{ border-color:rgb(252, 244, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 244, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 244, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 244, 233);  
box-shadow:4px 4px 4px 4px rgb(252, 244,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2800, 0.3247, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 244, 233) }
```

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

```
.background{ background-color: rgb(252,  
244, 233) }
```

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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