

Converting Colors

Yxy(91.4231, 0.3262, 0.3419)

Have a look what the booklet for
Yxy(91.4231, 0.3262, 0.3419)
contains.

Yxy(91.3535, 0.3266, 0.3418)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.3535, 0.3266, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	FDF4E7
RGB	253, 244, 231
RGB Percent	99%, 96%, 91%
CMY	0.0077, 0.0432, 0.0941
CMYK	0.00, 0.04, 0.09, 0.01
HSL	35°, 85%, 95%
HSV	35°, 9%, 99%
XYZ	87.2910, 91.3535, 88.6273
YIQ	245.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

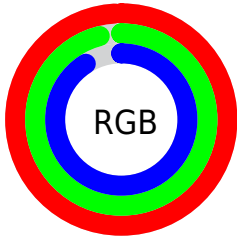
Format	Color
R_{YB}	246, 253, 231
Decimal	16643303
CIE Lab	96.56, 0.86, 7.32
CIE LCh	97, 7.373, 83.307
Yxy	91.3535, 0.3266, 0.3418
Android (android.graphics.Color)	4294833383 (0xFFFD4E7)
YUV	245.2090, -7.0050, 6.8327
Hunter-Lab	95.5790, -4.2418, 11.9276

Details

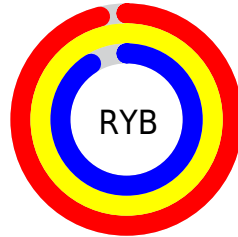
The Yxy color 91.3535, 0.3266, 0.3418 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.4219, 0.2992, 0.3159, and the grayscale version is 91.5450, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.7973, 0.3296, 0.3453 is the 20% darker color. If you saturate the color by 10%, you get 83.9592, 0.3444, 0.3572, and if you desaturate by 10%, it is 99.2303, 0.3115, 0.3284.

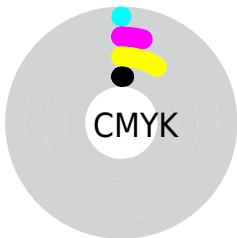
Distribution



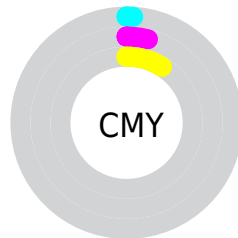
- Red (99%)
- Green (96%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3535, 0.3266, 0.3418 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 91.3535, 0.3266, 0.3418 by changing the saturation by 10% instead.

 91.3535, 0.3266,
0.3418

 91.3535, 0.3266,
0.3418

532.4240, 0.3204,
0.3361

 69.1038, 0.3280,
0.3430


149.2170, 0.3245,
0.3399

 50.7962, 0.3296,
0.3446

185.5997, 0.3237,
0.3391

 36.0465, 0.3317,
0.3464

227.4620, 0.3230,
0.3385

 24.4701, 0.3343,
0.3488

275.1885, 0.3223,
0.3379

 15.6827, 0.3377,
0.3519

329.1636, 0.3218,
0.3374

 9.2999, 0.3425,
0.3563

389.7716, 0.3213,

 4.9373, 0.3495,

0.3369

0.3626

457.3969, 0.3208,
0.3365

■ 2.2105, 0.3607,
0.3726

■ 0.7257, 0.4145,
0.4232

■ 91.3535, 0.3266,
0.3418

■ 91.3535, 0.3266,
0.3418

■ 83.9592, 0.3444,
0.3572

■ 99.2303, 0.3115,
0.3284

■ 77.1047, 0.3641,
0.3731

■ 99.6294, 0.3115,
0.3290

■ 70.7786, 0.3858,
0.3889

■ 64.9647, 0.4089,
0.4039

■ 59.6455, 0.4329,
0.4170

■ 54.8022, 0.4567,
0.4270

■ 50.4141, 0.4791,
0.4328

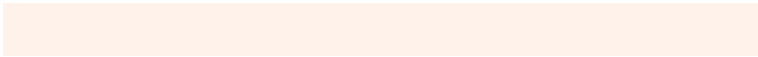
■ 46.4573, 0.4988,
0.4333

■ 42.9008, 0.5149,
0.4286

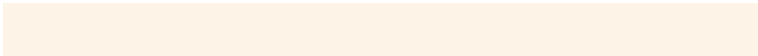
Harmonies

Analogous

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



91.3535, 0.3289, 0.3368



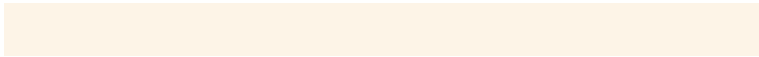
91.3535, 0.3266, 0.3418



91.3535, 0.3205, 0.3434

Triad

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



91.3535, 0.3266, 0.3418



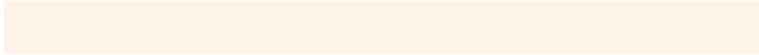
91.3535, 0.2988, 0.3279



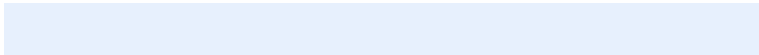
91.3535, 0.3129, 0.3174

Complementary

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



91.3535, 0.3266, 0.3418



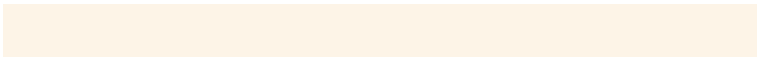
86.4219, 0.2992, 0.3159

Split Complementary

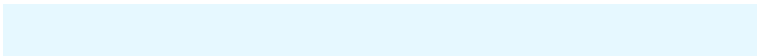
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3535, 0.3048, 0.3150



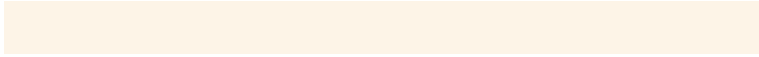
91.3535, 0.3266, 0.3418



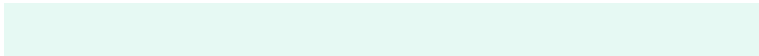
91.3535, 0.2968, 0.3209

Square

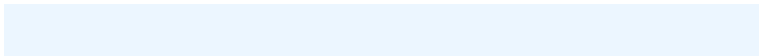
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.3535, 0.3266, 0.3418



91.3535, 0.3045, 0.3353



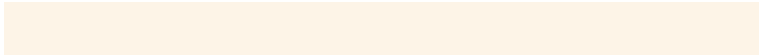
91.3535, 0.2990, 0.3162



91.3535, 0.3210, 0.3228

Rectangle

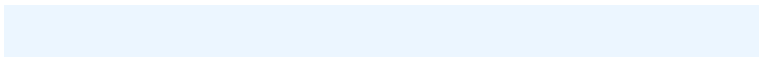
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.3535, 0.3266, 0.3418



91.3535, 0.3152, 0.3422



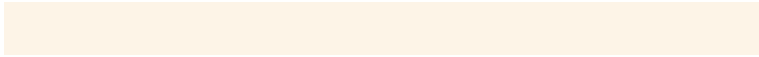
91.3535, 0.2990, 0.3162



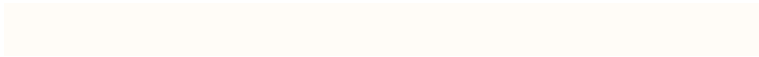
91.3535, 0.3101, 0.3162

Sweetspot

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



91.3575, 0.3266, 0.3418



97.5316, 0.3173, 0.3333



84.3394, 0.3219, 0.3200



20.7364, 0.3186, 0.3345



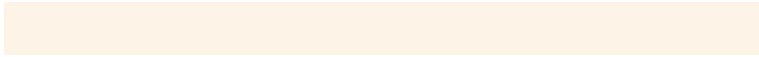
0.0000, 0.0000, 0.0000



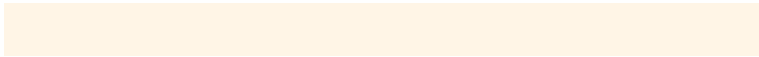
21.4041, 0.3127, 0.3290

Same Dimension

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



91.3575, 0.3266, 0.3418



91.9731, 0.3288, 0.3438



96.5887, 0.3245, 0.3506



19.7683, 0.3279, 0.3430



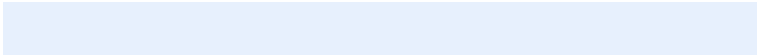
22.8778, 0.5149, 0.4294



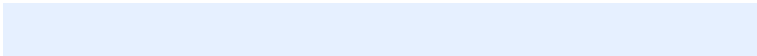
2.4427, 0.5010, 0.4404

Inverse Universe

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



86.4219, 0.2992, 0.3159



86.2559, 0.2971, 0.3138



81.5373, 0.3004, 0.3067



18.6012, 0.2979, 0.3146



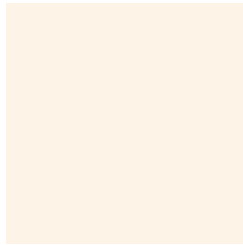
9.2834, 0.1691, 0.1288



1.1126, 0.1753, 0.1511

Previews

White Background



This preview shows how the Yxy color 91.3535, 0.3266, 0.3418 looks on a white background.

Color Contrast Check

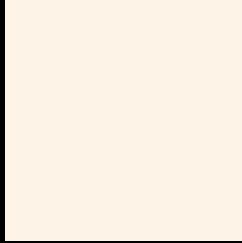
Large Text (above 18pt) WCAG AA × Fail

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 91.3535, 0.3266, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

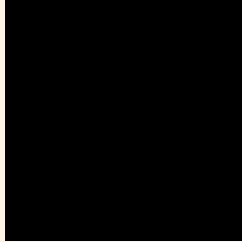
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3535, 0.3266, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 91.3535, 0.3266, 0.3418.

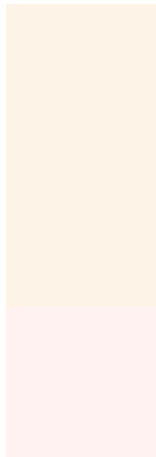


This preview shows how white text looks on a background with the Yxy color 91.3535, 0.3266, 0.3418.

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

91.3535, 0.3266, 0.3418

Protanopia

91.3535, 0.3266, 0.3418

Deuteranopia

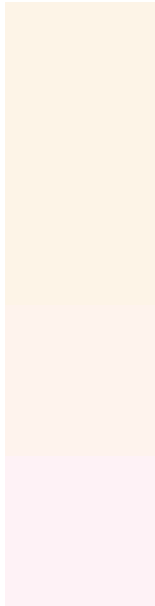
91.1151, 0.3219, 0.3300



Tritanopia

91.2014, 0.3127, 0.3155

Trichromacy



Original Color

91.3535, 0.3266, 0.3418

Protanomaly

91.3535, 0.3266, 0.3418

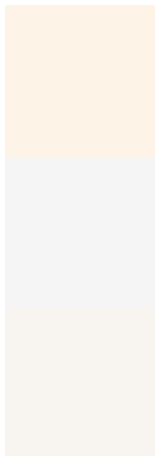
Deuteranomaly

91.2864, 0.3236, 0.3349

Tritanomaly

91.2289, 0.3181, 0.3251

Monochromacy



Original Color

91.3535, 0.3266, 0.3418

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.5525, 0.3177, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3535, 0.3266, 0.3418 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(253, 244, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 231)  
}
```

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(253, 244, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 231) }
```

Border

The CSS property to change the border of an element to Yxy 91.3535, 0.3266, 0.3418 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(253, 244, 231) }
```

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

```
.border{ border-color:rgb(253, 244, 231) }
```

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

Here you see how a box with a 4 pixel rgb(253, 244, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3535, 0.3266, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 231) }
```

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

```
.background{ background-color: rgb(253,  
244, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor