

Converting Colors

$Yxy(91.4506, 0.3297, 0.3498)$

Have a look what the booklet for
Yxy(91.4506, 0.3297, 0.3498)
contains.

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Color

Yxy(91.3821, 0.3302, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5E0
RGB	252, 245, 224
RGB Percent	99%, 96%, 88%
CMY	0.0116, 0.0392, 0.1216
CMYK	0.00, 0.03, 0.11, 0.01
HSL	45°, 83%, 93%
HSV	45°, 11%, 99%
XYZ	86.2618, 91.3821, 83.5971
YIQ	244.6990, 10.9130, -5.0470

Conversions

Conversions Part 2

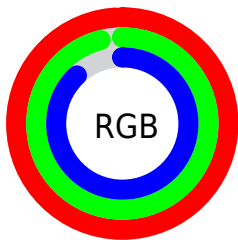
Format	Color
R _Y B	233, 252, 224
Decimal	16578016
CIE Lab	96.57, -1.11, 10.95
CIE LCh	97, 11.001, 95.785
Yxy	91.3821, 0.3302, 0.3498
Android (android.graphics.Color)	4294768096 (0xFFFCF5E0)
YUV	244.6990, -10.2046, 6.4030
Hunter-Lab	95.5940, -6.2152, 15.0666

Details

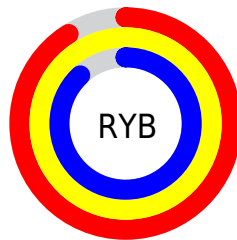
The Yxy color **91.3821, 0.3302, 0.3498** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0453, 0.2952, 0.3073**, and the grayscale version is **91.1393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8619, 0.3334, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **86.3516, 0.3473, 0.3693**, and if you desaturate by 10%, it is **96.7545, 0.3144, 0.3311**.

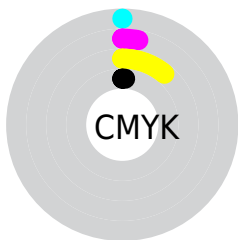
Distribution



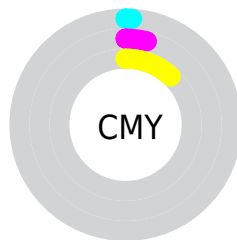
- Red (99%)
- Green (96%)
- Blue (88%)



- Red (91%)
- Yellow (99%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3821, 0.3302, 0.3498 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 91.3821, 0.3302, 0.3498 by changing the saturation by 10% instead.


 91.3821, 0.3302,
0.3498

 91.3821, 0.3302,
0.3498


532.5166, 0.3224,
0.3405

 69.1275, 0.3319,
0.3518


149.2567, 0.3276,
0.3467

 50.8156, 0.3340,
0.3543


185.6455, 0.3265,
0.3454

 36.0619, 0.3365,
0.3574


227.5146, 0.3256,
0.3443

 24.4820, 0.3398,
0.3613

275.2482, 0.3248,
0.3434

 15.6915, 0.3440,
0.3665

329.2308, 0.3241,
0.3426

 9.3061, 0.3499,
0.3736

389.8468, 0.3235,

 4.9414, 0.3584,

0.3418

0.3840

457.4806, 0.3229,
0.3411

■ 2.2129, 0.3718,
0.4006

■ 0.7270, 0.4684,
0.5129

■ 91.3821, 0.3302,
0.3498

■ 91.3821, 0.3302,
0.3498

■ 86.3516, 0.3473,
0.3693

■ 96.7545, 0.3144,
0.3311

■ 81.6408, 0.3655,
0.3890

■ 99.4442, 0.3109,
0.3290

■ 77.2429, 0.3844,
0.4082

■ 73.1462, 0.4034,
0.4261

■ 69.3379, 0.4219,
0.4416

■ 65.8039, 0.4389,
0.4536

■ 62.5282, 0.4535,
0.4611

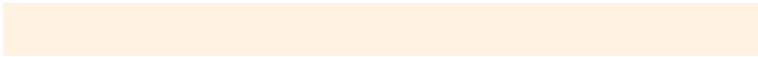
■ 59.4919, 0.4652,
0.4638

■ 56.9751, 0.4732,
0.4625

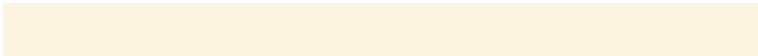
Harmonies

Analogous

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



91.3821, 0.3363, 0.3441



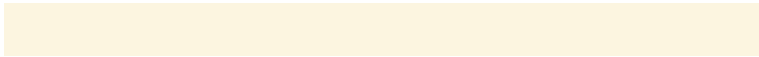
91.3821, 0.3302, 0.3498



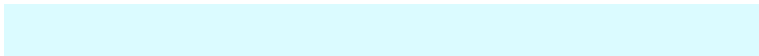
91.3821, 0.3194, 0.3498

Triad

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



91.3821, 0.3302, 0.3498



91.3821, 0.2900, 0.3226



91.3821, 0.3181, 0.3147

Complementary

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



91.3821, 0.3302, 0.3498



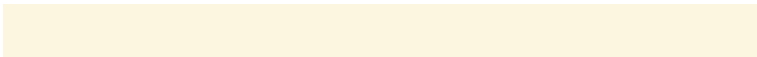
80.0453, 0.2952, 0.3073

Split Complementary

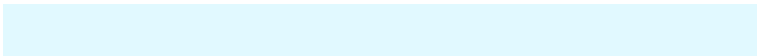
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3821, 0.3057, 0.3091



91.3821, 0.3302, 0.3498



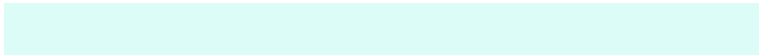
91.3821, 0.2896, 0.3134

Square

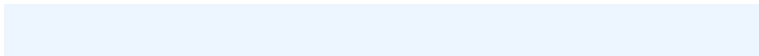
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.3821, 0.3302, 0.3498



91.3821, 0.2963, 0.3339



91.3821, 0.2953, 0.3086



91.3821, 0.3293, 0.3240

Rectangle

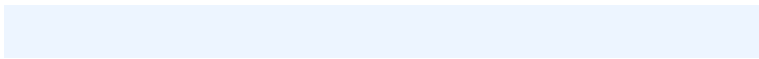
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.3821, 0.3302, 0.3498



91.3821, 0.3112, 0.3465



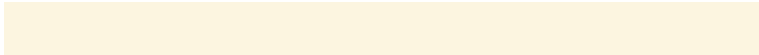
91.3821, 0.2953, 0.3086



91.3821, 0.3139, 0.3124

Sweetspot

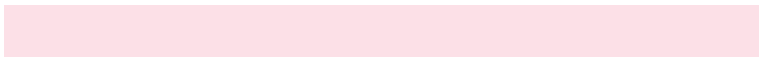
The Sweet Spot groups the original color and five complimentary colors.



91.3861, 0.3302, 0.3498



98.2966, 0.3173, 0.3345



79.8003, 0.3276, 0.3216



20.9432, 0.3185, 0.3360



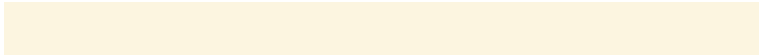
0.0000, 0.0000, 0.0000



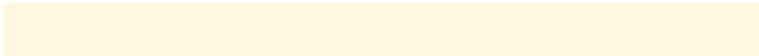
21.4041, 0.3127, 0.3290

Same Dimension

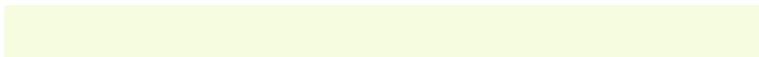
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3861, 0.3302, 0.3498



92.8456, 0.3333, 0.3534



94.5332, 0.3251, 0.3569



19.4087, 0.3275, 0.3467



29.9135, 0.4721, 0.4633



2.9385, 0.4644, 0.4695

Inverse Universe

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



80.0453, 0.2952, 0.3073



79.4199, 0.2921, 0.3034



77.2421, 0.2994, 0.3003



17.3516, 0.2979, 0.3107



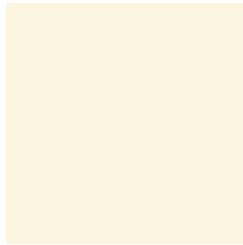
5.7277, 0.1580, 0.0889



0.6915, 0.1641, 0.1109

Previews

White Background



This preview shows how the Yxy color 91.3821, 0.3302, 0.3498 looks on a white background.

Color Contrast Check

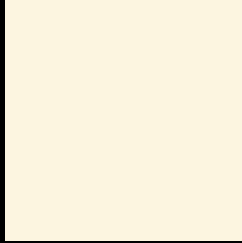
Large Text (above 18pt) WCAG AA × Fail

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 91.3821, 0.3302, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

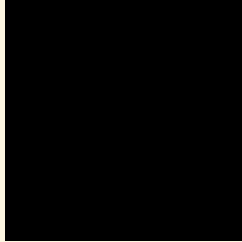
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

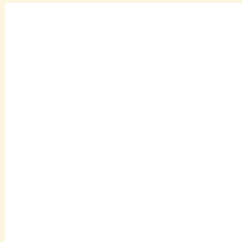
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3821, 0.3302, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 91.3821, 0.3302, 0.3498.

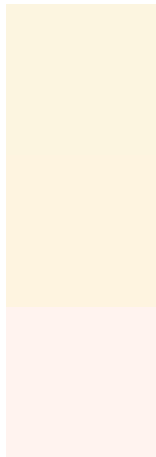


This preview shows how white text looks on a background with the Yxy color 91.3821, 0.3302, 0.3498.

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

91.3821, 0.3302, 0.3498

Protanopia

91.1540, 0.3316, 0.3487

Deuteranopia

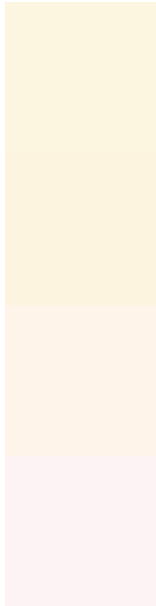
91.5932, 0.3230, 0.3329



Tritanopia

91.2014, 0.3127, 0.3155

Trichromacy



Original Color

91.3821, 0.3302, 0.3498

Protanomaly

90.9658, 0.3309, 0.3488

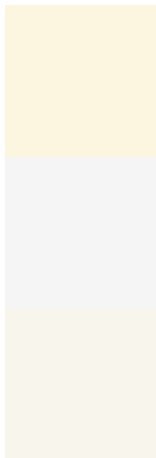
Deuteranomaly

91.7127, 0.3254, 0.3388

Tritanomaly

90.9186, 0.3187, 0.3271

Monochromacy



Original Color

91.3821, 0.3302, 0.3498

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3757, 0.3195, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3821, 0.3302, 0.3498 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, 245, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 224)  
}
```

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, 245, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 224) }
```

Border

The CSS property to change the border of an element to Yxy 91.3821, 0.3302, 0.3498 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, 245, 224) }
```

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

```
.border{ border-color:rgb(252, 245, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 245, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3821, 0.3302, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 245, 224) }
```

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

```
.background{ background-color: rgb(252,  
245, 224) }
```

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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