

Converting Colors

$Yxy(93.1938, 0.3288, 0.3476)$

Have a look what the booklet for
Yxy(93.1938, 0.3288, 0.3476)
contains.

Yxy(93.1938, 0.3288, 0.3476)	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(93.1938, 0.3288, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	FEF7E4
RGB	254, 247, 228
RGB Percent	100%, 97%, 89%
CMY	0.0037, 0.0314, 0.1058
CMYK	0.00, 0.03, 0.10, 0.00
HSL	44°, 93%, 95%
HSV	44°, 10%, 100%
XYZ	88.1534, 93.1938, 86.7592
YIQ	246.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

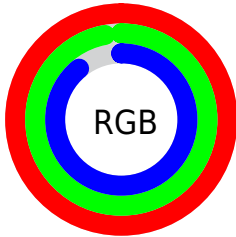
Format	Color
R_{YB}	238, 254, 228
Decimal	16709604
CIE Lab	97.31, -0.78, 9.94
CIE LCh	97, 9.970, 94.496
Yxy	93.1938, 0.3288, 0.3476
Android (android.graphics.Color)	4294899684 (0xFFFEF7E4)
YUV	246.9270, -9.3310, 6.2030
Hunter-Lab	96.5369, -5.9411, 14.2910

Details

The Yxy color **93.1938, 0.3288, 0.3476** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1243, 0.2967, 0.3097**, and the grayscale version is **93.0293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1491, 0.3316, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **87.7506, 0.3459, 0.3665**, and if you desaturate by 10%, it is **99.0084, 0.3131, 0.3294**.

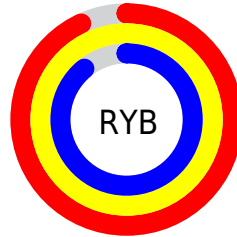
Distribution



Red (100%)

Green (97%)

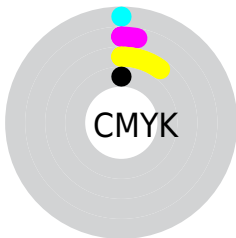
Blue (89%)



Red (93%)

Yellow (100%)

Blue (89%)

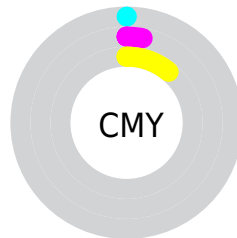


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1938, 0.3288, 0.3476 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 93.1938, 0.3288, 0.3476 by changing the saturation by 10% instead.


 93.1938, 0.3288,
0.3476

 93.1938, 0.3288,
0.3476

538.3663, 0.3217,
0.3394

 70.6326, 0.3304,
0.3494


151.7669, 0.3264,
0.3448

 52.0424, 0.3322,
0.3516


188.5476, 0.3254,
0.3437

 37.0389, 0.3346,
0.3543


230.8369, 0.3246,
0.3427

 25.2376, 0.3375,
0.3578

279.0192, 0.3239,
0.3419

 16.2542, 0.3414,
0.3623

333.4789, 0.3232,
0.3412

 9.7042, 0.3467,
0.3686

394.6004, 0.3227,

 5.2033, 0.3545,

0.3405

0.3777

462.7680, 0.3222,
0.3399

■ 2.3670, 0.3666,
0.3920

■ 0.8088, 0.4298,
0.4637

■ 93.1938, 0.3288,
0.3476

■ 93.1938, 0.3288,
0.3476

■ 87.7506, 0.3459,
0.3665

■ 99.0084, 0.3131,
0.3294

■ 82.6558, 0.3643,
0.3858

■ 99.8202, 0.3121,
0.3290

■ 77.9022, 0.3835,
0.4047

■ 73.4776, 0.4031,
0.4224

■ 69.3688, 0.4223,
0.4378

■ 65.5611, 0.4402,
0.4498

■ 62.0380, 0.4559,
0.4574

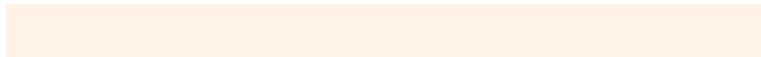
■ 58.7802, 0.4687,
0.4601

■ 55.8276, 0.4784,
0.4584

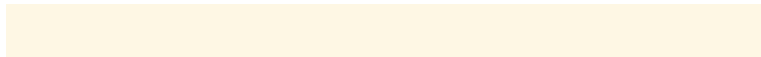
Harmonies

Analogous

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



93.1938, 0.3341, 0.3424



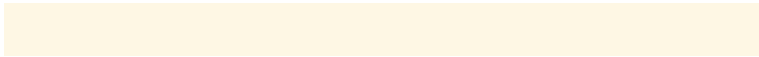
93.1938, 0.3288, 0.3476



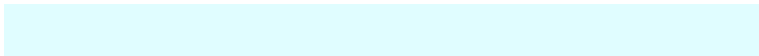
93.1938, 0.3193, 0.3478

Triad

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



93.1938, 0.3288, 0.3476



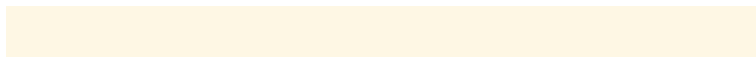
93.1938, 0.2924, 0.3237



93.1938, 0.3171, 0.3158

Complementary

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



93.1938, 0.3288, 0.3476



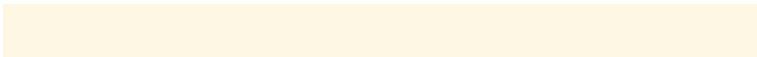
83.1243, 0.2967, 0.3097

Split Complementary

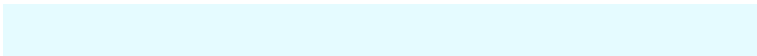
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1938, 0.3059, 0.3110



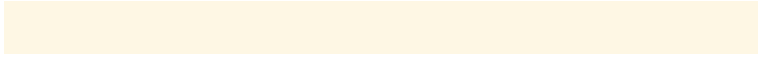
93.1938, 0.3288, 0.3476



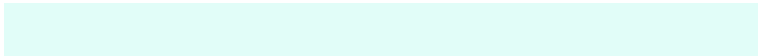
93.1938, 0.2918, 0.3153

Square

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



93.1938, 0.3288, 0.3476



93.1938, 0.2983, 0.3338



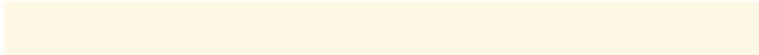
93.1938, 0.2967, 0.3107



93.1938, 0.3272, 0.3241

Rectangle

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



93.1938, 0.3288, 0.3476



93.1938, 0.3118, 0.3450



93.1938, 0.2967, 0.3107



93.1938, 0.3133, 0.3138

Sweetspot

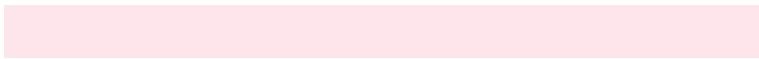
The Sweet Spot groups the original color and five complimentary colors.



93.1979, 0.3288, 0.3476



98.1998, 0.3173, 0.3343



82.6033, 0.3260, 0.3217



20.9170, 0.3185, 0.3358



0.0000, 0.0000, 0.0000



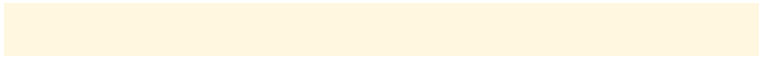
21.4041, 0.3127, 0.3290

Same Dimension

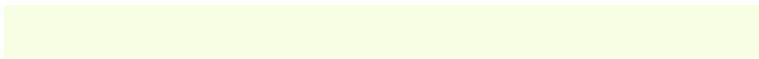
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1979, 0.3288, 0.3476



93.0001, 0.3317, 0.3509



96.5498, 0.3244, 0.3546



20.2080, 0.3276, 0.3462



29.6779, 0.4772, 0.4593



3.0712, 0.4691, 0.4658

Inverse Universe

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



83.1243, 0.2967, 0.3097



81.2409, 0.2938, 0.3061



80.0965, 0.3003, 0.3027



18.1795, 0.2979, 0.3112



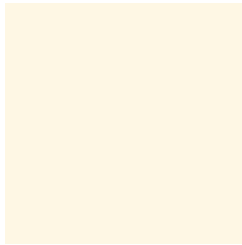
6.2190, 0.1592, 0.0929



0.7775, 0.1651, 0.1143

Previews

White Background



This preview shows how the Yxy color 93.1938, 0.3288, 0.3476 looks on a white background.

Color Contrast Check

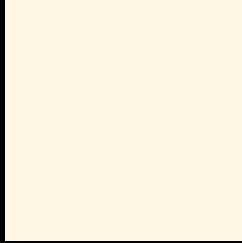
Large Text (above 18pt) WCAG AA × Fail

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 93.1938, 0.3288, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

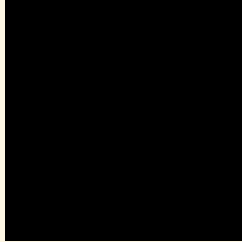
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.1938, 0.3288, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 93.1938, 0.3288, 0.3476.

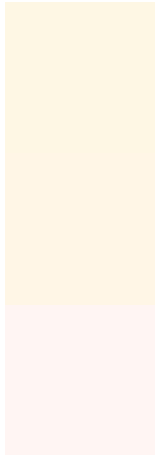


This preview shows how white text looks on a background with the Yxy color 93.1938, 0.3288, 0.3476.

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

93.1938, 0.3288, 0.3476

Protanopia

92.8847, 0.3283, 0.3447

Deuteranopia

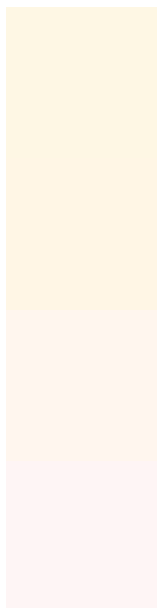
93.0359, 0.3204, 0.3310



Tritanopia

92.9922, 0.3126, 0.3185

Trichromacy



Original Color

93.1938, 0.3288, 0.3476

Protanomaly

92.8287, 0.3289, 0.3457

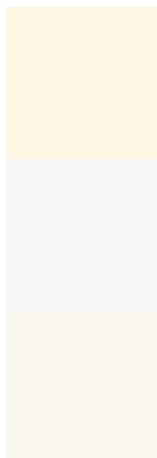
Deuteranomaly

93.3446, 0.3234, 0.3368

Tritanomaly

92.9682, 0.3185, 0.3290

Monochromacy



Original Color

93.1938, 0.3288, 0.3476

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.1368, 0.3188, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1938, 0.3288, 0.3476 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(254, 247, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 228)  
}
```

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(254, 247, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 228) }
```

Border

The CSS property to change the border of an element to Yxy 93.1938, 0.3288, 0.3476 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(254, 247, 228) }
```

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

```
.border{ border-color:rgb(254, 247, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1938, 0.3288, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 228) }
```

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

```
.background{ background-color: rgb(254,  
247, 228) }
```

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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