

Converting Colors

$Yxy(93.9299, 0.3284, 0.3468)$

Have a look what the booklet for
Yxy(93.9299, 0.3284, 0.3468)
contains.

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Color

Yxy(94.1080, 0.3281, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8E6
RGB	255, 248, 230
RGB Percent	100%, 97%, 90%
CMY	0.0001, 0.0274, 0.0981
CMYK	0.00, 0.03, 0.10, 0.00
HSL	43°, 100%, 95%
HSV	43°, 10%, 100%
XYZ	89.0849, 94.1080, 88.3247
YIQ	248.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

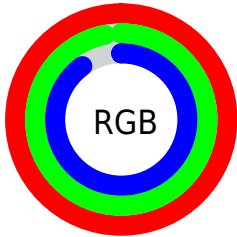
Format	Color
R_{YB}	240, 255, 230
Decimal	16775398
CIE _{Lab}	97.68, -0.66, 9.47
CIE _{LCh}	98, 9.490, 93.998
Yxy	94.1080, 0.3281, 0.3466
Android (android.graphics.Color)	4294965478 (0xFFFFF8E6)
YUV	248.0410, -8.8942, 6.1030
Hunter-Lab	97.0093, -5.8473, 13.9243

Details

The Yxy color **94.1080, 0.3281, 0.3466** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5888, 0.2974, 0.3108**, and the grayscale version is **93.9733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8002, 0.3308, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **88.4906, 0.3452, 0.3653**, and if you desaturate by 10%, it is **99.9973, 0.3127, 0.3290**.

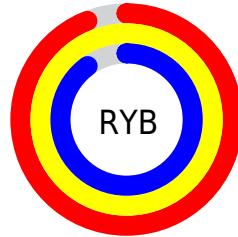
Distribution



Red (100%)

Green (97%)

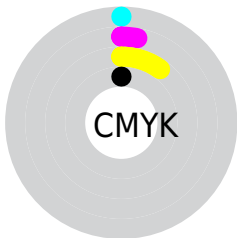
Blue (90%)



Red (94%)

Yellow (100%)

Blue (90%)

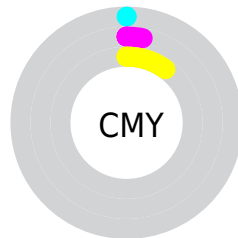


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1080, 0.3281, 0.3466 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 94.1080, 0.3281, 0.3466 by changing the saturation by 10% instead.


 94.1080, 0.3281,
0.3466

 94.1080, 0.3281,
0.3466


541.3054, 0.3213,
0.3388

 71.3928, 0.3296,
0.3483

153.0317, 0.3258,
0.3440

 52.6628, 0.3314,
0.3504


190.0090, 0.3249,
0.3429

 37.5337, 0.3336,
0.3529


232.5090, 0.3241,
0.3420

 25.6209, 0.3364,
0.3562

280.9163, 0.3234,
0.3412

 16.5403, 0.3401,
0.3604

335.6152, 0.3228,
0.3405

 9.9073, 0.3452,
0.3663

396.9901, 0.3222,

 5.3375, 0.3525,

0.3399

0.3748

465.4253, 0.3218,
0.3393

■ 2.4466, 0.3640,
0.3882

■ 0.8497, 0.4156,
0.4462

■ 94.1080, 0.3281,
0.3466

■ 94.1080, 0.3281,
0.3466

■ 88.4906, 0.3452,
0.3653

99.9973, 0.3127,
0.3290

■ 83.2340, 0.3636,
0.3844

■ 78.3309, 0.3830,
0.4032

■ 73.7687, 0.4027,
0.4208

■ 69.5339, 0.4222,
0.4362

■ 65.6119, 0.4405,
0.4482

■ 61.9857, 0.4567,
0.4559

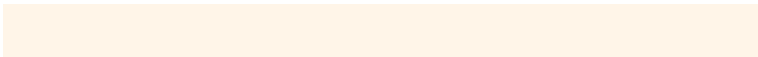
■ 58.6360, 0.4699,
0.4587

■ 55.5323, 0.4802,
0.4568

Harmonies

Analogous

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



94.1080, 0.3330, 0.3416



94.1080, 0.3281, 0.3466



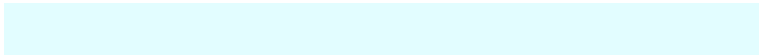
94.1080, 0.3191, 0.3469

Triad

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



94.1080, 0.3281, 0.3466



94.1080, 0.2935, 0.3241



94.1080, 0.3167, 0.3164

Complementary

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



94.1080, 0.3281, 0.3466



84.5888, 0.2974, 0.3108

Split Complementary

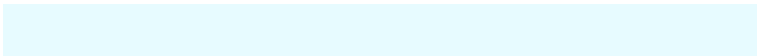
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1080, 0.3061, 0.3118



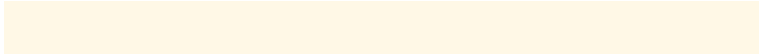
94.1080, 0.3281, 0.3466



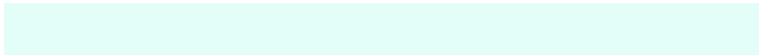
94.1080, 0.2928, 0.3161

Square

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



94.1080, 0.3281, 0.3466



94.1080, 0.2992, 0.3337



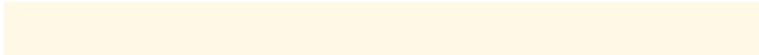
94.1080, 0.2974, 0.3117



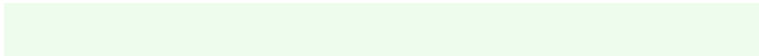
94.1080, 0.3264, 0.3242

Rectangle

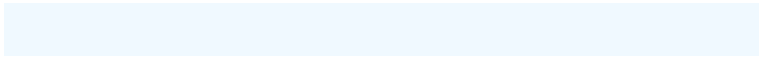
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.1080, 0.3281, 0.3466



94.1080, 0.3120, 0.3442



94.1080, 0.2974, 0.3117



94.1080, 0.3131, 0.3144

Sweetspot

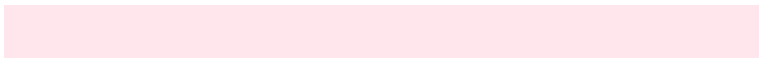
The Sweet Spot groups the original color and five complimentary colors.



94.1121, 0.3281, 0.3466



98.1627, 0.3173, 0.3343



83.9649, 0.3254, 0.3221



20.9070, 0.3185, 0.3357



0.0000, 0.0000, 0.0000



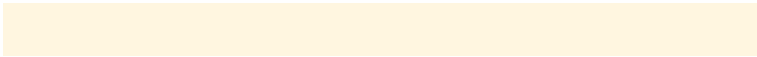
21.4041, 0.3127, 0.3290

Same Dimension

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



94.1121, 0.3281, 0.3466



92.8567, 0.3317, 0.3507



97.4681, 0.3239, 0.3535



20.1835, 0.3276, 0.3461



29.2541, 0.4791, 0.4578



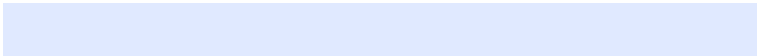
3.0327, 0.4707, 0.4644

Inverse Universe

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



84.5888, 0.2974, 0.3108



81.3738, 0.2938, 0.3064



81.5395, 0.3009, 0.3038



18.2027, 0.2979, 0.3113



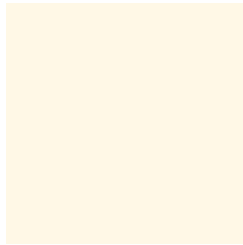
6.3518, 0.1596, 0.0946



0.7931, 0.1656, 0.1161

Previews

White Background



This preview shows how the Yxy color 94.1080, 0.3281, 0.3466 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 94.1080, 0.3281, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

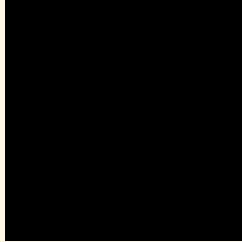
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.1080, 0.3281, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 94.1080, 0.3281, 0.3466.

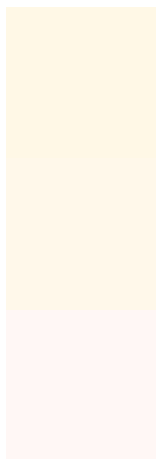


This preview shows how white text looks on a background with the Yxy color 94.1080, 0.3281, 0.3466.

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

94.1080, 0.3281, 0.3466

Protanopia

94.3353, 0.3257, 0.3426

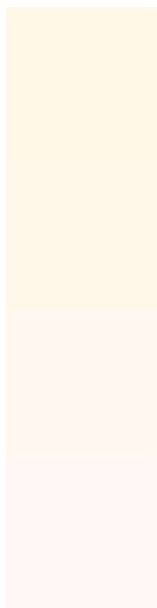
Deuteranopia

94.3741, 0.3191, 0.3309

Tritanopia

94.2024, 0.3125, 0.3204

Trichromacy



Original Color

94.1080, 0.3281, 0.3466

Protanomaly

94.2780, 0.3263, 0.3436

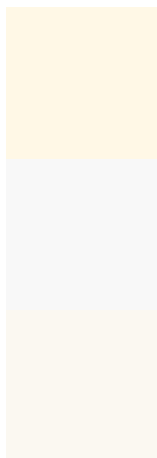
Deuteranomaly

94.0728, 0.3221, 0.3358

Tritanomaly

94.2462, 0.3178, 0.3300

Monochromacy



Original Color

94.1080, 0.3281, 0.3466

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9949, 0.3188, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1080, 0.3281, 0.3466 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(255, 248, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 230)  
}
```

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(255, 248, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 230) }
```

Border

The CSS property to change the border of an element to Yxy 94.1080, 0.3281, 0.3466 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(255, 248, 230) }
```

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

```
.border{ border-color:rgb(255, 248, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1080, 0.3281, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 230) }
```

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

```
.background{ background-color: rgb(255,  
248, 230) }
```

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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