

Converting Colors

$Yxy(89.9885, 0.3267, 0.3474)$

Have a look what the booklet for
Yxy(89.9885, 0.3267, 0.3474)
contains.

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Color

Yxy(90.0941, 0.3270, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	F8F4E1
RGB	248, 244, 225
RGB Percent	97%, 96%, 88%
CMY	0.0273, 0.0431, 0.1178
CMYK	0.00, 0.02, 0.09, 0.03
HSL	50°, 62%, 93%
HSV	50°, 9%, 97%
XYZ	84.6574, 90.0941, 84.1396
YIQ	243.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

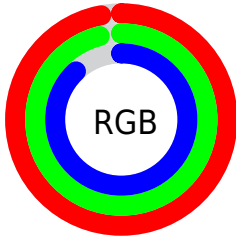
Format	Color
R_{YB}	230, 248, 225
Decimal	16315617
CIE Lab	96.04, -1.84, 9.63
CIE LCh	96, 9.808, 100.805
Yxy	90.0941, 0.3270, 0.3480
Android (android.graphics.Color)	4294505697 (0xFFFF8F4E1)
YUV	243.0300, -8.8888, 4.3587
Hunter-Lab	94.9179, -6.9020, 13.8852

Details

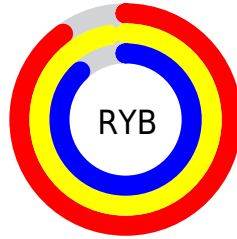
The Yxy color **90.0941, 0.3270, 0.3480** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8222, 0.2982, 0.3093**, and the grayscale version is **89.7241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0752, 0.3302, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **86.2620, 0.3434, 0.3692**, and if you desaturate by 10%, it is **94.1921, 0.3117, 0.3276**.

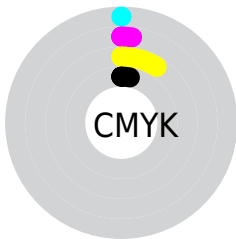
Distribution



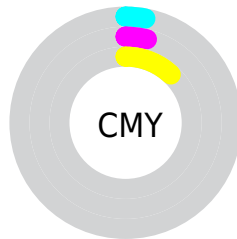
- Red (97%)
- Green (96%)
- Blue (88%)



- Red (90%)
- Yellow (97%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.0941, 0.3270, 0.3480 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 90.0941, 0.3270, 0.3480 by changing the saturation by 10% instead.


 90.0941, 0.3270,
0.3480

 90.0941, 0.3270,
0.3480


528.3369, 0.3207,
0.3395

 68.0587, 0.3284,
0.3499


147.4691, 0.3248,
0.3451

 49.9455, 0.3301,
0.3522


183.5775, 0.3240,
0.3440

 35.3701, 0.3322,
0.3550


225.1456, 0.3233,
0.3430

 23.9481, 0.3349,
0.3586

272.5580, 0.3226,
0.3421

 15.2951, 0.3384,
0.3635

326.1989, 0.3220,
0.3413

 9.0268, 0.3432,
0.3701

386.4527, 0.3215,

 4.7586, 0.3503,

0.3407

0.3800

453.7039, 0.3211,
0.3401

■ 2.1064, 0.3615,
0.3959

■ 0.6682, 0.4497,
0.5091

■ 90.0941, 0.3270,
0.3480

■ 90.0941, 0.3270,
0.3480

■ 86.2620, 0.3434,
0.3692

■ 94.1921, 0.3117,
0.3276

■ 82.6751, 0.3605,
0.3906

■ 97.2268, 0.3085,
0.3267

■ 79.3280, 0.3780,
0.4116

■ 98.7023, 0.3084,
0.3290

■ 76.2104, 0.3952,
0.4312

■ 73.3110, 0.4115,
0.4484

■ 70.6177, 0.4261,
0.4622

■ 68.1161, 0.4383,
0.4718

■ 65.7897, 0.4477,
0.4766

■ 63.6132, 0.4543,
0.4772

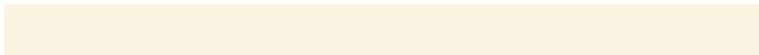
Harmonies

Analogous

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



90.0941, 0.3333, 0.3437



90.0941, 0.3270, 0.3480



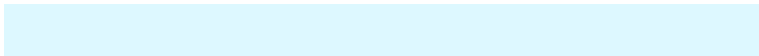
90.0941, 0.3169, 0.3471

Triad

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



90.0941, 0.3270, 0.3480



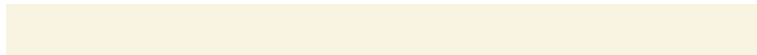
90.0941, 0.2919, 0.3217



90.0941, 0.3194, 0.3174

Complementary

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



90.0941, 0.3270, 0.3480



78.8222, 0.2982, 0.3093

Split Complementary

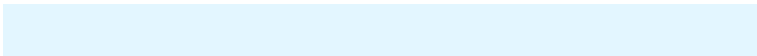
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0941, 0.3082, 0.3117



90.0941, 0.3270, 0.3480



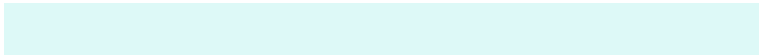
90.0941, 0.2925, 0.3140

Square

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



90.0941, 0.3270, 0.3480



90.0941, 0.2968, 0.3317



90.0941, 0.2984, 0.3104



90.0941, 0.3289, 0.3261

Rectangle

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



90.0941, 0.3270, 0.3480



90.0941, 0.3095, 0.3436



90.0941, 0.2984, 0.3104



90.0941, 0.3157, 0.3151

Sweetspot

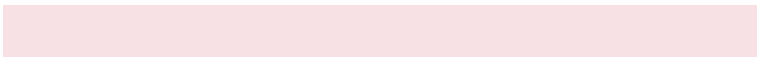
The Sweet Spot groups the original color and five complimentary colors.



90.0980, 0.3270, 0.3480



98.6665, 0.3172, 0.3350



79.4649, 0.3262, 0.3248



21.0433, 0.3184, 0.3367



0.0000, 0.0000, 0.0000



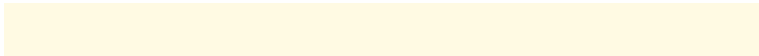
21.4041, 0.3127, 0.3290

Same Dimension

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



90.0980, 0.3270, 0.3480



95.2338, 0.3297, 0.3516



91.2422, 0.3218, 0.3523



19.6440, 0.3273, 0.3484



34.4586, 0.4540, 0.4777



3.3226, 0.4491, 0.4816

Inverse Universe

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



78.8222, 0.2982, 0.3093



81.1742, 0.2954, 0.3054



77.8152, 0.3031, 0.3054



17.1335, 0.2979, 0.3088



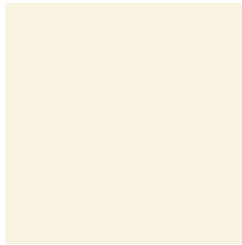
4.7485, 0.1543, 0.0756



0.5716, 0.1596, 0.0947

Previews

White Background



This preview shows how the Yxy color 90.0941, 0.3270, 0.3480 looks on a white background.

Color Contrast Check

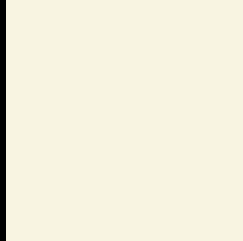
Large Text (above 18pt) WCAG AA × Fail

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 90.0941, 0.3270, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

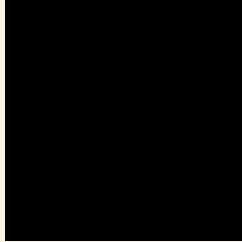
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.0941, 0.3270, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 90.0941, 0.3270, 0.3480.

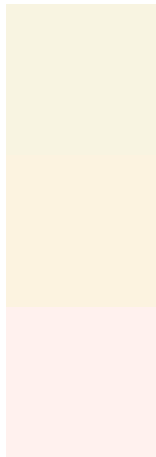


This preview shows how white text looks on a background with the Yxy color 90.0941, 0.3270, 0.3480.

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

90.0941, 0.3270, 0.3480

Protanopia

90.1784, 0.3304, 0.3479

Deuteranopia

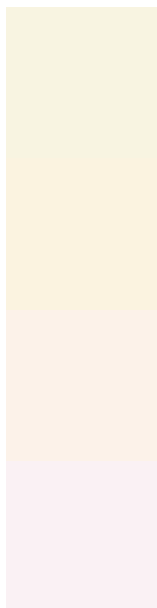
90.3436, 0.3238, 0.3320



Tritanopia

90.0494, 0.3108, 0.3145

Trichromacy



Original Color

90.0941, 0.3270, 0.3480

Protanomaly

89.9922, 0.3297, 0.3479

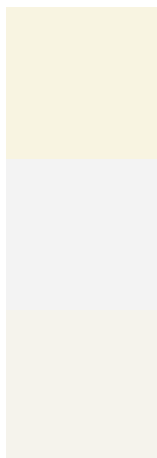
Deuteranomaly

90.0829, 0.3248, 0.3379

Tritanomaly

89.7662, 0.3168, 0.3261

Monochromacy



Original Color

90.0941, 0.3270, 0.3480

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5698, 0.3183, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0941, 0.3270, 0.3480 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(248, 244, 225)` looks like.

```
.text, #text, p{  
    color:rgb(248, 244, 225)  
}
```

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(248, 244, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 244, 225) }
```

Border

The CSS property to change the border of an element to Yxy 90.0941, 0.3270, 0.3480 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(248, 244, 225) }
```

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

```
.border{ border-color:rgb(248, 244, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 244, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 244, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 244, 225);  
box-shadow:4px 4px 4px 4px rgb(248, 244,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0941, 0.3270, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 244, 225) }
```

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

```
.background{ background-color: rgb(248,  
244, 225) }
```

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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