

Converting Colors

$Yxy(90.6845, 0.3243, 0.3460)$

Have a look what the booklet for
Yxy(90.6845, 0.3243, 0.3460)
contains.

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Color

Yxy(90.6804, 0.3243, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	F7F5E4
RGB	247, 245, 228
RGB Percent	97%, 96%, 89%
CMY	0.0316, 0.0391, 0.1059
CMYK	0.00, 0.01, 0.08, 0.03
HSL	54°, 54%, 93%
HSV	54°, 8%, 97%
XYZ	84.9932, 90.6804, 86.4085
YIQ	243.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

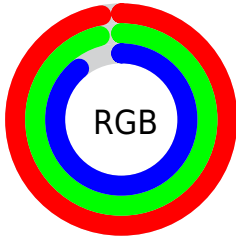
Format	Color
R _Y B	230, 247, 228
Decimal	16250340
CIE Lab	96.28, -2.25, 8.42
CIE LCh	96, 8.712, 104.957
Yxy	90.6804, 0.3243, 0.3460
Android (android.graphics.Color)	4294440420 (0xFFFF7F5E4)
YUV	243.6600, -7.7204, 2.9292
Hunter-Lab	95.2263, -7.3276, 12.8585

Details

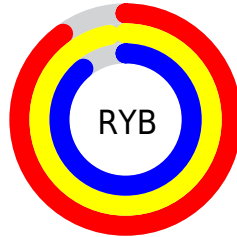
The Yxy color **90.6804, 0.3243, 0.3460** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.7318, 0.3009, 0.3114**, and the grayscale version is **90.2344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4887, 0.3268, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **87.9196, 0.3401, 0.3688**, and if you desaturate by 10%, it is **93.6651, 0.3093, 0.3240**.

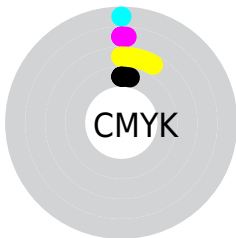
Distribution



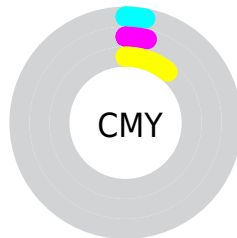
- Red (97%)
- Green (96%)
- Blue (89%)



- Red (90%)
- Yellow (97%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.6804, 0.3243, 0.3460 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 90.6804, 0.3243, 0.3460 by changing the saturation by 10% instead.


 90.6804, 0.3243,
0.3460

 90.6804, 0.3243,
0.3460

530.2417, 0.3192,
0.3384

 68.5451, 0.3254,
0.3477

148.2831, 0.3226,
0.3434

 50.3413, 0.3268,
0.3497


184.5194, 0.3219,
0.3424

 35.6847, 0.3285,
0.3523


226.2247, 0.3213,
0.3415

 24.1908, 0.3306,
0.3555

273.7835, 0.3207,
0.3407

 15.4752, 0.3335,
0.3598

327.5802, 0.3203,
0.3401

 9.1536, 0.3374,
0.3658

387.9992, 0.3199,

 4.8415, 0.3431,

0.3394

0.3746

455.4249, 0.3195,
0.3389

■ 2.1546, 0.3521,
0.3890

■ 0.6950, 0.4123,
0.4731

■ 90.6804, 0.3243,
0.3460

■ 90.6804, 0.3243,
0.3460

■ 87.9196, 0.3401,
0.3688

■ 93.6651, 0.3093,
0.3240

■ 85.3625, 0.3563,
0.3919

■ 95.3440, 0.3079,
0.3241

■ 83.0040, 0.3726,
0.4145

■ 96.8944, 0.3078,
0.3265

■ 80.8347, 0.3883,
0.4357

■ 98.4651, 0.3078,
0.3289

■ 78.8438, 0.4028,
0.4544

■ 98.5016, 0.3078,
0.3290

■ 77.0197, 0.4154,
0.4697

■ 75.3493, 0.4256,
0.4809

■ 73.8167, 0.4329,
0.4875

■ 72.4013, 0.4376,
0.4898

Harmonies

Analogous

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



90.6804, 0.3304, 0.3428



90.6804, 0.3243, 0.3460



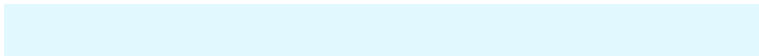
90.6804, 0.3151, 0.3445

Triad

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



90.6804, 0.3243, 0.3460



90.6804, 0.2940, 0.3215



90.6804, 0.3199, 0.3197

Complementary

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



90.6804, 0.3243, 0.3460



79.7318, 0.3009, 0.3114

Split Complementary

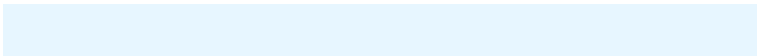
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6804, 0.3101, 0.3141



90.6804, 0.3243, 0.3460



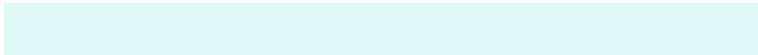
90.6804, 0.2953, 0.3150

Square

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



90.6804, 0.3243, 0.3460



90.6804, 0.2977, 0.3301



90.6804, 0.3011, 0.3124



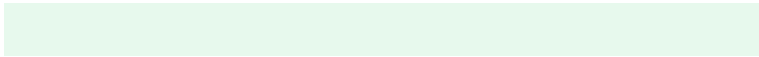
90.6804, 0.3279, 0.3276

Rectangle

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



90.6804, 0.3243, 0.3460



90.6804, 0.3085, 0.3410



90.6804, 0.3011, 0.3124



90.6804, 0.3167, 0.3175

Sweetspot

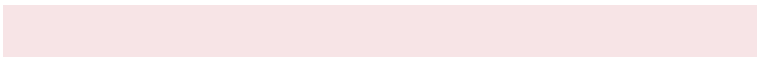
The Sweet Spot groups the original color and five complimentary colors.



90.6844, 0.3243, 0.3460



99.3497, 0.3157, 0.3334



80.9630, 0.3245, 0.3268



21.2718, 0.3155, 0.3332



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.



90.6844, 0.3243, 0.3460



97.1481, 0.3264, 0.3490



90.5468, 0.3194, 0.3481



19.0126, 0.3271, 0.3501



38.2663, 0.4381, 0.4903



3.4438, 0.4355, 0.4924

Inverse Universe

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



79.7318, 0.3009, 0.3114



83.4313, 0.2987, 0.3081



79.8926, 0.3057, 0.3097



16.1942, 0.2979, 0.3070



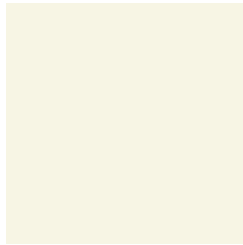
4.0067, 0.1519, 0.0668



0.4399, 0.1559, 0.0812

Previews

White Background



This preview shows how the Yxy color 90.6804, 0.3243, 0.3460 looks on a white background.

Color Contrast Check

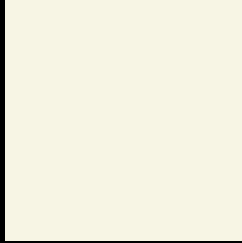
Large Text (above 18pt) WCAG AA × Fail

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 90.6804, 0.3243, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

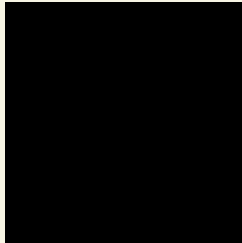
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

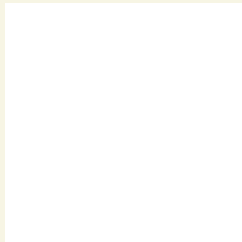
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.6804, 0.3243, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 90.6804, 0.3243, 0.3460.

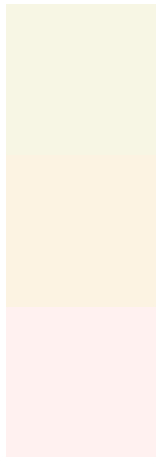


This preview shows how white text looks on a background with the Yxy color 90.6804, 0.3243, 0.3460.

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

90.6804, 0.3243, 0.3460

Protanopia

90.5299, 0.3292, 0.3448

Deuteranopia

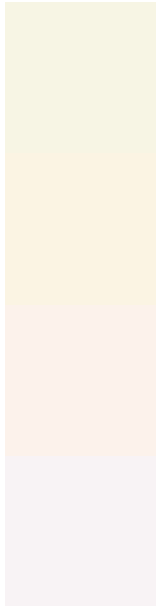
90.4026, 0.3232, 0.3310



Tritanopia

90.8640, 0.3094, 0.3164

Trichromacy



Original Color

90.6804, 0.3243, 0.3460

Protanomaly

90.7566, 0.3277, 0.3459

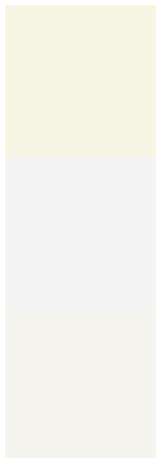
Deuteranomaly

90.1979, 0.3236, 0.3359

Tritanomaly

90.6502, 0.3148, 0.3270

Monochromacy



Original Color

90.6804, 0.3243, 0.3460

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.2869, 0.3170, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6804, 0.3243, 0.3460 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(247, 245, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 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(247, 245, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 228) }
```

Border

The CSS property to change the border of an element to Yxy 90.6804, 0.3243, 0.3460 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(247, 245, 228) }
```

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

```
.border{ border-color:rgb(247, 245, 228) }
```

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

Here you see how a box with a 4 pixel rgb(247, 245, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 228);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6804, 0.3243, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 228) }
```

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

```
.background{ background-color: rgb(247,  
245, 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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