

Converting Colors

$Yxy(78.8088, 0.3470, 0.3650)$

Have a look what the booklet for
Yxy(78.8088, 0.3470, 0.3650)
contains.

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Color

Yxy(78.6149, 0.3468, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	F4E4C2
RGB	244, 228, 194
RGB Percent	96%, 89%, 76%
CMY	0.0430, 0.1059, 0.2392
CMYK	0.00, 0.07, 0.21, 0.04
HSL	41°, 70%, 86%
HSV	41°, 21%, 96%
XYZ	74.7974, 78.6149, 62.2665
YIQ	228.9080, 20.4500, -7.1820

Conversions

Conversions Part 2

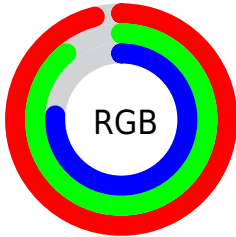
Format	Color
R _Y B	218, 244, 194
Decimal	16049346
CIE Lab	91.06, 0.16, 18.58
CIE LCh	91, 18.579, 89.516
Yxy	78.6149, 0.3468, 0.3645
Android (android.graphics.Color)	4294239426 (0xFFFF4E4C2)
YUV	228.9080, -17.2096, 13.2357
Hunter-Lab	88.6650, -4.5821, 20.4282

Details

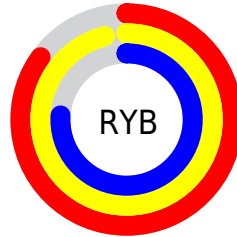
The Yxy color **78.6149, 0.3468, 0.3645** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.1123, 0.2795, 0.2908**, and the grayscale version is **78.4058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **42.3454, 0.3543, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **73.4036, 0.3657, 0.3826**, and if you desaturate by 10%, it is **84.2080, 0.3293, 0.3468**.

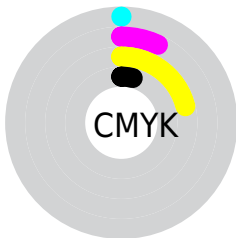
Distribution



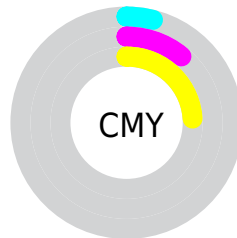
- Red (96%)
- Green (89%)
- Blue (76%)



- Red (85%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6149, 0.3468, 0.3645 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 78.6149, 0.3468, 0.3645 by changing the saturation by 10% instead.


 78.6149, 0.3468,
0.3645

 78.6149, 0.3468,
0.3645


490.2526, 0.3313,
0.3483

 58.5792, 0.3503,
0.3681


 131.4166, 0.3415,
0.3589

 42.2745, 0.3545,
0.3726


164.9514, 0.3394,
0.3568

 29.3163, 0.3599,
0.3781


203.7547, 0.3376,
0.3549

 19.3202, 0.3668,
0.3852

248.2109, 0.3360,
0.3532

 11.9019, 0.3759,
0.3947

298.7044, 0.3346,
0.3518

 6.6769, 0.3886,
0.4079

355.6196, 0.3334,

 3.2609, 0.4071,

0.3505

0.4270

419.3409, 0.3323,
0.3494

■ 1.2694, 0.4817,
0.5047

■ 0.1173, 0.4957,
0.5043

■ 78.6149, 0.3468,
0.3645

■ 78.6149, 0.3468,
0.3645

■ 73.4036, 0.3657,
0.3826

■ 84.2080, 0.3293,
0.3468

■ 68.5523, 0.3859,
0.4003

■ 90.1831, 0.3135,
0.3298

■ 64.0523, 0.4067,
0.4170

■ 95.7425, 0.3061,
0.3255

■ 59.8906, 0.4275,
0.4314

■ 97.9794, 0.3060,
0.3290

■ 56.0527, 0.4473,
0.4425

■ 52.5227, 0.4651,
0.4492

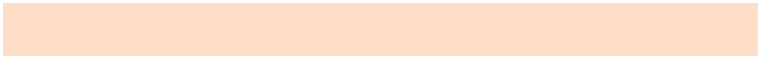
■ 49.2816, 0.4800,
0.4508

■ 46.4444, 0.4913,
0.4481

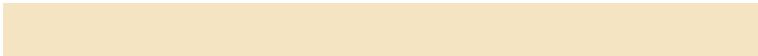
Harmonies

Analogous

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



78.6149, 0.3557, 0.3522



78.6149, 0.3468, 0.3645



78.6149, 0.3288, 0.3674

Triad

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



78.6149, 0.3468, 0.3645



78.6149, 0.2743, 0.3212



78.6149, 0.3174, 0.3015

Complementary

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



78.6149, 0.3468, 0.3645



64.1123, 0.2795, 0.2908

Split Complementary

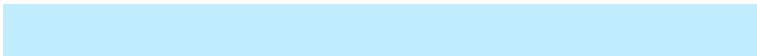
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6149, 0.2957, 0.2934



78.6149, 0.3468, 0.3645



78.6149, 0.2715, 0.3039

Square

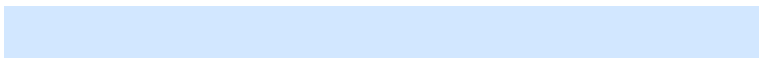
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6149, 0.3468, 0.3645



78.6149, 0.2871, 0.3417



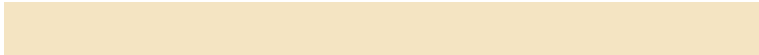
78.6149, 0.2792, 0.2940



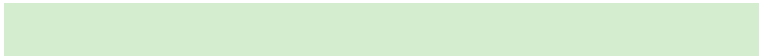
78.6149, 0.3384, 0.3163

Rectangle

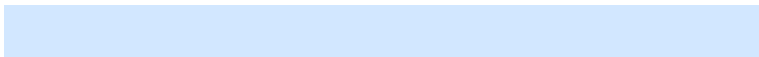
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.6149, 0.3468, 0.3645



78.6149, 0.3143, 0.3630



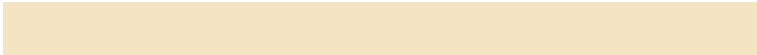
78.6149, 0.2792, 0.2940



78.6149, 0.3099, 0.2979

Sweetspot

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



78.6184, 0.3468, 0.3645



95.9643, 0.3220, 0.3391



62.5072, 0.3404, 0.3114



20.4483, 0.3231, 0.3402



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.



78.6184, 0.3468, 0.3645



84.2012, 0.3552, 0.3727



86.3979, 0.3379, 0.3812



18.3655, 0.3277, 0.3450



25.5035, 0.4899, 0.4492



2.4267, 0.4788, 0.4580

Inverse Universe

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



64.1123, 0.2795, 0.2908



65.2578, 0.2716, 0.2810



57.7181, 0.2842, 0.2731



16.7938, 0.2980, 0.3125



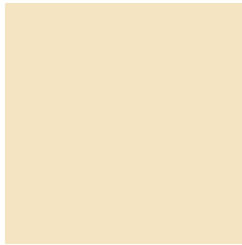
6.7485, 0.1624, 0.1046



0.7711, 0.1692, 0.1292

Previews

White Background



This preview shows how the Yxy color 78.6149, 0.3468, 0.3645 looks on a white background.

Color Contrast Check

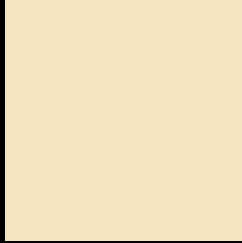
Large Text (above 18pt) WCAG AA × Fail

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 78.6149, 0.3468, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

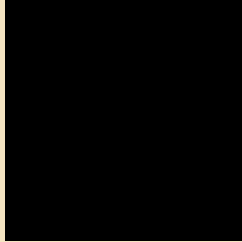
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

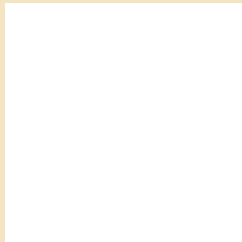
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6149, 0.3468, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 78.6149, 0.3468, 0.3645.

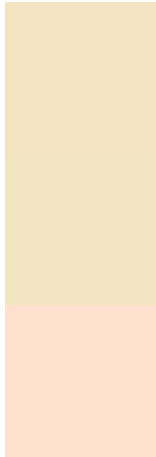


This preview shows how white text looks on a background with the Yxy color 78.6149, 0.3468, 0.3645.

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

78.6149, 0.3468, 0.3645

Protanopia

78.6344, 0.3444, 0.3658

Deuteranopia

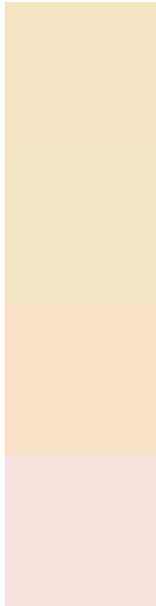
78.4431, 0.3482, 0.3473



Tritanopia

78.7985, 0.3213, 0.3120

Trichromacy



Original Color

78.6149, 0.3468, 0.3645

Protanomaly

78.8109, 0.3451, 0.3657

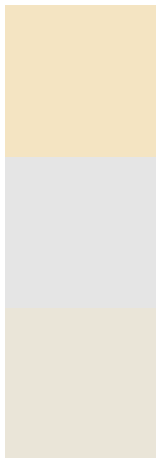
Deuteranomaly

78.5767, 0.3477, 0.3537

Tritanomaly

78.5955, 0.3305, 0.3301

Monochromacy



Original Color

78.6149, 0.3468, 0.3645

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.4889, 0.3246, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6149, 0.3468, 0.3645 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(244, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 194)  
}
```

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(244, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 194) }
```

Border

The CSS property to change the border of an element to Yxy 78.6149, 0.3468, 0.3645 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(244, 228, 194) }
```

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

```
.border{ border-color:rgb(244, 228, 194) }
```

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

Here you see how a box with a 4 pixel rgb(244, 228, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 194);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6149, 0.3468, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 194) }
```

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

```
.background{ background-color: rgb(244,  
228, 194) }
```

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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