

Converting Colors

XYZ(71.7295, 76.3034, 39.4106)

Have a look what the booklet for
XYZ(71.7295, 76.3034, 39.4106)
contains.

XYZ(71.7744, 76.3443, 39.3868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.7744, 76.3443,
39.3868)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE195
RGB	250, 225, 149
RGB Percent	98%, 88%, 58%
CMY	0.0196, 0.1176, 0.4157
CMYK	0.00, 0.10, 0.40, 0.02
HSL	45°, 91%, 78%
HSV	45°, 40%, 98%
XYZ	71.7744, 76.3443, 39.3868
YIQ	223.8110, 39.2960, -18.3360

Conversions

Conversions Part 2

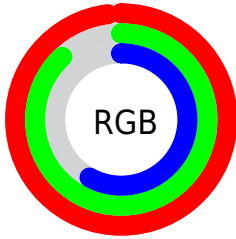
Format	Color
R_{YB}	182, 250, 149
Decimal	16441749
CIE _{Lab}	90.02, -1.66, 40.29
CIE _{LCh}	90, 40.322, 92.361
Yxy	76.3443, 0.3828, 0.4072
Android (android.graphics.Color)	4294631829 (0xFFFAE195)
YUV	223.8110, -36.8818, 22.9678
Hunter-Lab	87.3752, -6.2778, 34.4361

Details

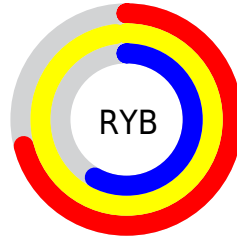
The XYZ color **71.7744, 76.3443, 39.3868** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.7855, 43.5626, 96.4905**, and the grayscale version is **70.9536, 74.6487, 81.2924**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **38.2706, 40.8190, 17.1710** is the 20% darker color. If you saturate the color by 10%, you get **68.3471, 72.3482, 29.4319**, and if you desaturate by 10%, it is **75.6946, 80.6400, 51.6212**.

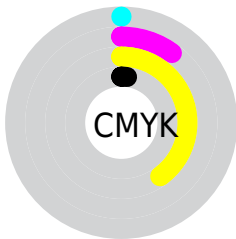
Distribution



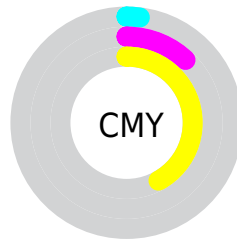
- Red (98%)
- Green (88%)
- Blue (58%)



- Red (71%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (2%)





- Cyan (2%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7744, 76.3443, 39.3868 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 XYZ color 71.7744, 76.3443, 39.3868 by changing the saturation by 10% instead.


 71.7744, 76.3443,
39.3868


 71.7744, 76.3443,
39.3868


455.9258,
482.5255, 359.0072

 53.2592, 56.7149,
26.7506


 120.7483,
128.2135, 75.4557

 38.2380, 40.7764,
17.1552


 151.9377,
161.2220, 99.7255

 26.3455, 28.1444,
10.1821

188.0825,
199.4591, 128.7102

 17.2164, 18.4345,
5.4127

229.5481,
243.3090, 162.8285

 10.4851, 11.2624,
2.4284

276.6999,
293.1562, 202.4987

 5.7865, 6.2436,
0.8019

329.9032,

 2.7551, 2.9938,

349.3851, 248.1396

0.0000

389.5234,
412.3801, 300.1695

■ 1.0256, 1.1285,
0.0000

■ 0.0000, 0.0021,
0.0000

■ 71.7744, 76.3443,
39.3868

■ 71.7744, 76.3443,
39.3868

■ 68.3471, 72.3482,
29.4319

■ 75.6946, 80.6400,
51.6212

■ 65.3786, 68.6289,
21.6059

■ 80.1277, 85.2361,
66.2633

■ 62.8393, 65.1762,
15.7473

■ 85.0996, 90.1467,
83.4376

■ 60.6932, 61.9746,
11.6694

■ 90.6326, 95.3816,
103.2582

■ 58.8972, 59.0059,
9.1493

■ 93.2344, 99.0640,
108.8150

■ 57.4360, 56.3472,
7.8489

Harmonies

Analogous

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



81.8430, 76.3443, 43.2961



71.7744, 76.3443, 39.3868



62.7597, 76.3443, 44.7800

Triad

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



71.7744, 76.3443, 39.3868



57.5175, 76.3443, 116.1839



90.9438, 76.3443, 111.3449

Complementary

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



71.7744, 76.3443, 39.3868



44.7855, 43.5626, 96.4905

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.



83.3374, 76.3443, 138.7878



71.7744, 76.3443, 39.3868



64.0123, 76.3443, 142.0023

Square

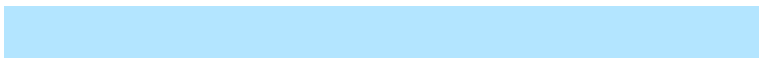
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7744, 76.3443, 39.3868



55.0136, 76.3443, 85.4133



73.3573, 76.3443, 151.0930



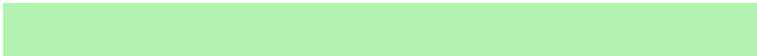
93.4962, 76.3443, 80.8799

Rectangle

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



71.7744, 76.3443, 39.3868



58.3907, 76.3443, 53.8548



73.3573, 76.3443, 151.0930



88.8608, 76.3443, 121.4477

Sweetspot

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



71.7763, 76.3478, 39.3884



88.1405, 93.4468, 84.1973



57.8368, 44.8855, 45.7887



18.7157, 19.8551, 17.4981



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

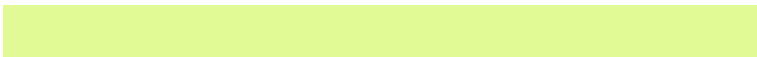
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7763, 76.3478, 39.3884



72.2929, 76.6361, 33.0277



70.5843, 86.5088, 41.4125



18.3423, 19.4204, 18.2442



30.5853, 30.1273, 4.2031



2.9159, 2.9567, 0.4170

Inverse Universe

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



44.7855, 43.5626, 96.4905



40.7375, 38.3295, 99.8590



45.5149, 37.4254, 95.2675



16.6319, 17.3407, 21.8558



10.1572, 5.6700, 48.5326



1.0206, 0.6848, 4.5216

Previews

White Background



This preview shows how the XYZ color 71.7744, 76.3443, 39.3868 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 XYZ color 71.7744, 76.3443, 39.3868 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](#).

XYZ 71.7744, 76.3443, 39.3868

Background



This preview shows how black text looks on a background with the XYZ color 71.7744, 76.3443, 39.3868.



This preview shows how white text looks on a background with the XYZ color 71.7744, 76.3443,

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

71.7744, 76.3443, 39.3868

Protanopia

70.7074, 76.1876, 39.8331

Deuteranopia

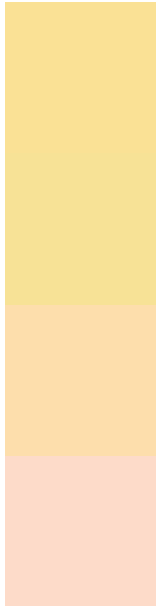
75.8534, 76.4757, 56.6623



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

71.7744, 76.3443, 39.3868

Protanomaly

71.0591, 76.3689, 39.8496

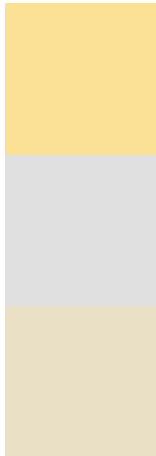
Deuteranomaly

74.0757, 76.1038, 49.8150

Tritanomaly

76.3821, 75.7627, 65.8562

Monochromacy



Original Color

71.7744, 76.3443, 39.3868

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3380, 74.6662, 63.5281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7744, 76.3443, 39.3868 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(250, 225, 149)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 149)  
}
```

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(250, 225, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 149) }
```

Border

The CSS property to change the border of an element to XYZ 71.7744, 76.3443, 39.3868 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(250, 225, 149) }
```


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

```
.border{ border-color:rgb(250, 225, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 149);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7744, 76.3443, 39.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 149) }
```

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

```
.background{ background-color: rgb(250,  
225, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor