

Converting Colors

XYZ(76.6613, 78.4832, 40.3565)

Have a look what the booklet for
XYZ(76.6613, 78.4832, 40.3565)
contains.

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Color

**XYZ(73.4816, 76.8057,
40.2302)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE097
RGB	255, 224, 151
RGB Percent	100%, 88%, 59%
CMY	0.0000, 0.1215, 0.4078
CMYK	0.00, 0.12, 0.41, 0.00
HSL	42°, 100%, 80%
HSV	42°, 41%, 100%
XYZ	73.4816, 76.8057, 40.2302
YIQ	224.9470, 41.9090, -16.1310

Conversions

Conversions Part 2

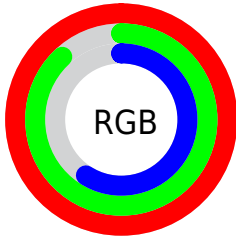
Format	Color
R _Y B	195, 255, 151
Decimal	16769175
CIE Lab	90.23, 1.00, 39.64
CIE LCh	90, 39.658, 88.553
Yxy	76.8057, 0.3857, 0.4031
Android (android.graphics.Color)	4294959255 (0xFFFFE097)
YUV	224.9470, -36.4559, 26.3565
Hunter-Lab	87.6389, -3.7031, 34.1304

Details

The XYZ color **73.4816, 76.8057, 40.2302** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.5399, 47.2536, 101.2230**, and the grayscale version is **71.7643, 75.5016, 82.2213**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **39.4661, 41.1471, 17.6665** is the 20% darker color. If you saturate the color by 10%, you get **69.6341, 72.0741, 29.8123**, and if you desaturate by 10%, it is **77.8721, 81.9062, 53.0405**.

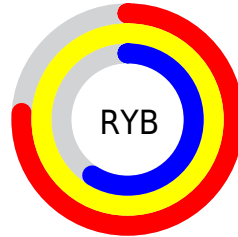
Distribution



Red (100%)

Green (88%)

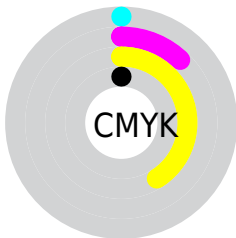
Blue (59%)



Red (76%)

Yellow (100%)

Blue (59%)

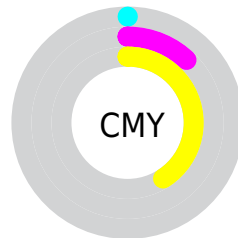


Cyan (0%)

Magenta (12%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4816, 76.8057, 40.2302 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 73.4816, 76.8057, 40.2302 by changing the saturation by 10% instead.


 73.4816, 76.8057,
40.2302


 73.4816, 76.8057,
40.2302


461.7603,
484.1013, 362.6738

 54.6596, 57.0934,
27.4029


 123.1601,
128.8652, 76.7548

 39.3620, 41.0802,
17.6410


 154.7474,
161.9812, 101.2893

 27.2235, 28.3818,
10.5258


191.3204,
200.3338, 130.5632

 17.8786, 18.6137,
5.6388

233.2447,
244.3076, 164.9951

 10.9620, 11.3915,
2.5615

280.8854,
294.2868, 205.0036

 6.1084, 6.3308,
0.8725

334.6080,

 2.9524, 3.0472,

350.6559, 251.0072

0.0000

394.7778,
413.7993, 303.4244

■ 1.1286, 1.1564,
0.0000

■ 0.0489, 0.0257,
0.0000

■ 73.4816, 76.8057,
40.2302

■ 73.4816, 76.8057,
40.2302

■ 69.6341, 72.0741,
29.8123

■ 77.8721, 81.9062,
53.0405

■ 66.2936, 67.6867,
21.6279

■ 82.8276, 87.3778,
68.3786

■ 63.4282, 63.6316,
15.5067

■ 88.3757, 93.2362,
86.3755

■ 60.9992, 59.8913,
11.2512

■ 94.5403, 99.4927,
107.1515

■ 58.9605, 56.4455, 95.0500, 100.0000,
8.6248 108.9000

■ 57.3611, 53.5022,
7.3037

Harmonies

Analogous

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



83.3510, 76.8057, 45.3187



73.4816, 76.8057, 40.2302



64.3057, 76.8057, 44.4129

Triad

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



73.4816, 76.8057, 40.2302



57.5762, 76.8057, 112.3721



90.4082, 76.8057, 115.2905

Complementary

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



73.4816, 76.8057, 40.2302



47.5399, 47.2536, 101.2230

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.



82.4479, 76.8057, 140.9932



73.4816, 76.8057, 40.2302



63.5463, 76.8057, 139.0587

Square

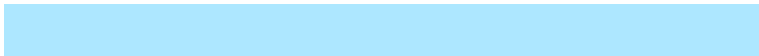
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4816, 76.8057, 40.2302



55.6343, 76.8057, 82.2639



72.5235, 76.8057, 150.5349



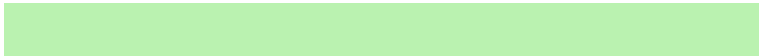
93.6521, 76.8057, 85.0078

Rectangle

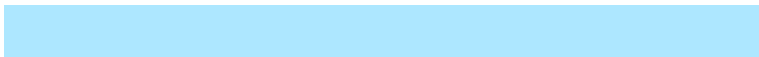
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4816, 76.8057, 40.2302



59.6871, 76.8057, 52.5785



72.5235, 76.8057, 150.5349



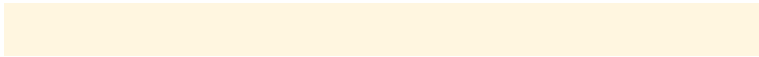
88.1619, 76.8057, 124.9850

Sweetspot

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



73.4835, 76.8093, 40.2318



87.6683, 92.5025, 84.0399



60.7713, 46.7797, 50.1916



18.6042, 19.6321, 17.4610



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.



73.4835, 76.8093, 40.2318



70.2825, 72.8927, 31.5021



75.3436, 91.2808, 42.9270



19.0773, 20.1229, 19.0229



30.1090, 28.2292, 3.8619



3.0271, 2.9395, 0.4078

Inverse Universe

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



47.5399, 47.2536, 101.2230



41.1351, 39.7127, 100.1050



46.0867, 38.1022, 99.5331



17.4442, 18.2600, 22.8551



10.8945, 6.6985, 50.1533



1.1512, 0.8330, 4.9134

Previews

White Background



This preview shows how the XYZ color 73.4816, 76.8057, 40.2302 looks on a white background.

Color Contrast Check

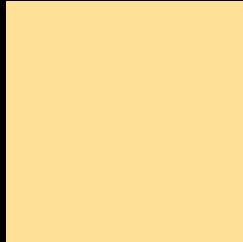
Large Text (above 18pt) WCAG AA × Fail

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 73.4816, 76.8057, 40.2302 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 73.4816, 76.8057, 40.2302

Background



This preview shows how black text looks on a background with the XYZ color 73.4816, 76.8057, 40.2302.



This preview shows how white text looks on a background with the XYZ color 73.4816, 76.8057,

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

73.4816, 76.8057, 40.2302

Protanopia

71.1426, 76.7980, 40.7796

Deuteranopia

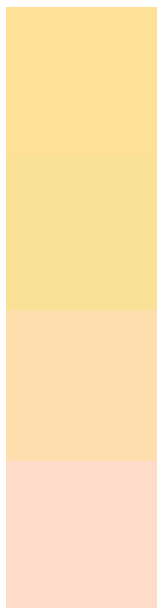
76.0661, 76.5608, 57.7823



Tritanopia

80.3358, 76.5989, 85.4138

Trichromacy



Original Color

73.4816, 76.8057, 40.2302

Protanomaly

71.9308, 76.7994, 40.7384

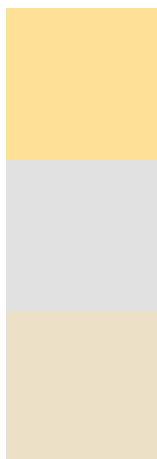
Deuteranomaly

75.0013, 76.5585, 50.8687

Tritanomaly

77.3758, 76.6634, 65.9777

Monochromacy



Original Color

73.4816, 76.8057, 40.2302

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.7103, 75.7605, 64.2698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4816, 76.8057, 40.2302 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, 224, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 151)  
}
```

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, 224, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 151) }
```

Border

The CSS property to change the border of an element to XYZ 73.4816, 76.8057, 40.2302 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, 224, 151) }
```


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

```
.border{ border-color:rgb(255, 224, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4816, 76.8057, 40.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 151) }
```

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

```
.background{ background-color: rgb(255,  
224, 151) }
```

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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