

Converting Colors

XYZ(74.0982, 80.4893, 36.4415)

Have a look what the booklet for
XYZ(74.0982, 80.4893, 36.4415)
contains.

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Color

**XYZ(74.0982, 80.4893,
36.4415)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE88C
RGB	253, 232, 140
RGB Percent	99%, 91%, 55%
CMY	0.0078, 0.0902, 0.4510
CMYK	0.00, 0.08, 0.45, 0.01
HSL	49°, 97%, 77%
HSV	49°, 45%, 99%
XYZ	74.0982, 80.4893, 36.4415
YIQ	227.7910, 42.0480, -24.1600

Conversions

Conversions Part 2

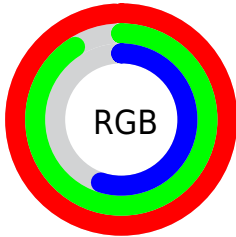
Format	Color
R _Y B	166, 253, 140
Decimal	16640140
CIE Lab	91.90, -4.92, 47.18
CIE LCh	92, 47.438, 95.959
Yxy	80.4893, 0.3879, 0.4213
Android (android.graphics.Color)	4294830220 (0xFFFDE88C)
YUV	227.7910, -43.2810, 22.1083
Hunter-Lab	89.7158, -9.5758, 38.7182

Details

The XYZ color **74.0982, 80.4893, 36.4415** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.2893, 38.1557, 98.1168**, and the grayscale version is **73.8766, 77.7239, 84.6413**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **39.9893, 43.7510, 15.5696** is the 20% darker color. If you saturate the color by 10%, you get **71.1382, 77.2194, 27.2855**, and if you desaturate by 10%, it is **77.5264, 84.0090, 47.8711**.

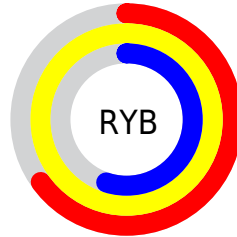
Distribution



Red (99%)

Green (91%)

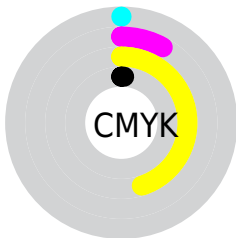
Blue (55%)



Red (65%)

Yellow (99%)

Blue (55%)

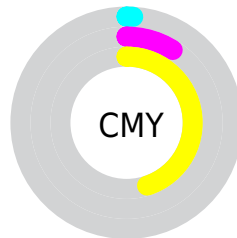


Cyan (0%)

Magenta (8%)

Yellow (45%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0982, 80.4893, 36.4415 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 74.0982, 80.4893, 36.4415 by changing the saturation by 10% instead.


 74.0982, 80.4893,
36.4415


 74.0982, 80.4893,
36.4415


463.8573,
496.5803, 345.9818


 55.1660, 60.1211,
24.4830


 124.0298,
134.0534, 70.8897

 39.7690, 43.5162,
15.4768


 155.7598,
168.0182, 94.2164

 27.5419, 30.2904,
9.0044


 192.4865,
207.2838, 122.1696

 18.1193, 20.0591,
4.6472

234.5752,
252.2348, 155.1678

 11.1359, 12.4380,
1.9867

282.3913,
303.2556, 193.6296

 6.2263, 7.0427,
0.5471

336.3001,

 3.0251, 3.4888,

360.7305, 237.9735

0.0000

396.6670,
425.0439, 288.6180

■ 1.1671, 1.3919,
0.0000

■ 0.0801, 0.2108,
0.0000

■ 74.0982, 80.4893,
36.4415

■ 74.0982, 80.4893,
36.4415

■ 71.1382, 77.2194,
27.2855

■ 77.5264, 84.0090,
47.8711

■ 68.6105, 74.1756,
20.2413

■ 81.4441, 87.7787,
61.7116

■ 66.4831, 71.3478,
15.1333

■ 85.8784, 91.8124,
78.0949

■ 64.7167, 68.7196,
11.7556

■ 90.8525, 96.1200,
97.1423

■ 63.2630, 66.2713,
9.8553

94.3179, 99.6226,
108.8657

■ 62.5783, 65.0234,
9.2525

Harmonies

Analogous

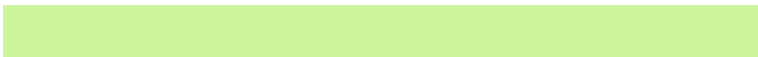
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4410, 80.4893, 39.5648



74.0982, 80.4893, 36.4415



63.5639, 80.4893, 43.8034

Triad

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



74.0982, 80.4893, 36.4415



59.0760, 80.4893, 133.1941



99.9338, 80.4893, 117.8866

Complementary

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



74.0982, 80.4893, 36.4415



41.2893, 38.1557, 98.1168

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.



91.0880, 80.4893, 153.8753



74.0982, 80.4893, 36.4415



67.3569, 80.4893, 164.2282

Square

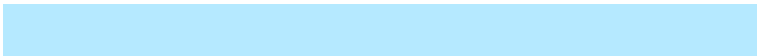
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0982, 80.4893, 36.4415



55.5025, 80.4893, 94.7847



78.9586, 80.4893, 172.6574



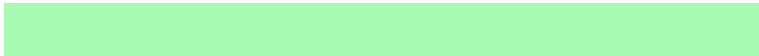
102.2265, 80.4893, 80.8621

Rectangle

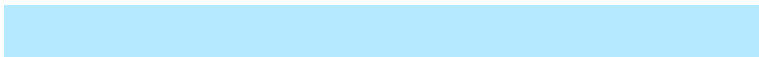
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0982, 80.4893, 36.4415



58.6986, 80.4893, 55.2124



78.9586, 80.4893, 172.6574



97.5855, 80.4893, 130.7795

Sweetspot

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



74.1002, 80.4930, 36.4432



88.2313, 94.1792, 82.5300



56.4616, 42.2696, 39.6466



18.6575, 19.9569, 16.8062



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

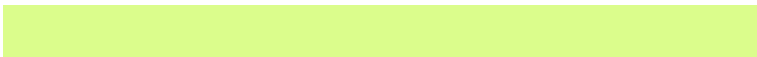
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1002, 80.4930, 36.4432



72.6035, 78.8214, 28.3097



69.1027, 87.2195, 38.0049



19.2574, 20.4831, 19.0830



33.3901, 34.7915, 4.9556



3.3219, 3.5292, 0.5061

Inverse Universe

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



41.2893, 38.1557, 98.1168



35.2313, 30.6324, 98.6635



44.5417, 34.8361, 97.3047



17.2760, 17.9236, 22.7990



10.0483, 5.0062, 49.8713



1.0479, 0.6265, 4.8790

Previews

White Background



This preview shows how the XYZ color 74.0982, 80.4893, 36.4415 looks on a white background.

Color Contrast Check

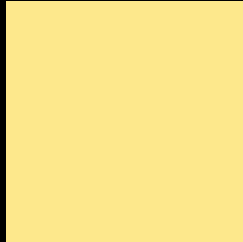
Large Text (above 18pt) WCAG AA × Fail

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 74.0982, 80.4893, 36.4415 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 74.0982, 80.4893, 36.4415

Background



This preview shows how black text looks on a background with the XYZ color 74.0982, 80.4893, 36.4415.



This preview shows how white text looks on a background with the XYZ color 74.0982, 80.4893,

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

74.0982, 80.4893, 36.4415

Protanopia

74.0982, 80.4893, 36.4415

Deuteranopia

78.9021, 80.2754, 64.7622



Tritanopia

83.0360, 80.6274, 90.5431

Trichromacy

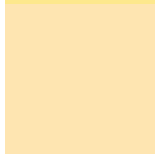


Original Color

74.0982, 80.4893, 36.4415

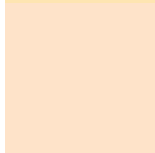
Protanomaly

74.0982, 80.4893, 36.4415



Deuteranomaly

76.8282, 80.2838, 53.0420



Tritanomaly

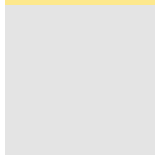
78.8848, 80.2260, 66.5858

Monochromacy



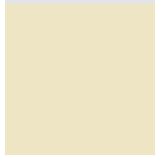
Original Color

74.0982, 80.4893, 36.4415



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

72.9082, 78.0287, 63.4429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0982, 80.4893, 36.4415 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(253, 232, 140)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 140)  
}
```

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(253, 232, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 140) }
```

Border

The CSS property to change the border of an element to XYZ 74.0982, 80.4893, 36.4415 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(253, 232, 140) }
```


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

```
.border{ border-color:rgb(253, 232, 140) }
```

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

Here you see how a box with a 4 pixel rgb(253, 232, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 140);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0982, 80.4893, 36.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 140) }
```

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

```
.background{ background-color: rgb(253,  
232, 140) }
```

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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