

Converting Colors

XYZ(74.1673, 80.4948, 44.6092)

Have a look what the booklet for
XYZ(74.1673, 80.4948, 44.6092)
contains.

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Color

**XYZ(74.1815, 80.3562,
44.4014)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E89F
RGB	249, 232, 159
RGB Percent	98%, 91%, 62%
CMY	0.0235, 0.0902, 0.3765
CMYK	0.00, 0.07, 0.36, 0.02
HSL	49°, 88%, 80%
HSV	49°, 36%, 98%
XYZ	74.1815, 80.3562, 44.4014
YIQ	228.7610, 33.5650, -19.0990

Conversions

Conversions Part 2

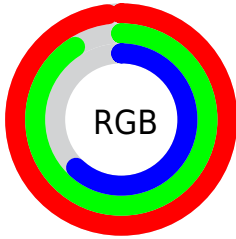
Format	Color
R _Y B	180, 249, 159
Decimal	16378015
CIE Lab	91.84, -4.50, 37.63
CIE LCh	92, 37.895, 96.814
Yxy	80.3562, 0.3729, 0.4039
Android (android.graphics.Color)	4294568095 (0xFF9E89F)
YUV	228.7610, -34.3922, 17.7496
Hunter-Lab	89.6416, -9.1580, 33.3815

Details

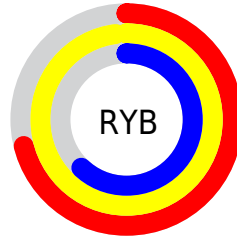
The XYZ color **74.1815, 80.3562, 44.4014** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **46.9219, 45.2596, 95.8853**, and the grayscale version is **74.5297, 78.4111, 85.3897**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **39.8618, 43.5822, 20.2212** is the 20% darker color. If you saturate the color by 10%, you get **70.9296, 76.9689, 33.7098**, and if you desaturate by 10%, it is **77.9081, 83.9958, 57.4003**.

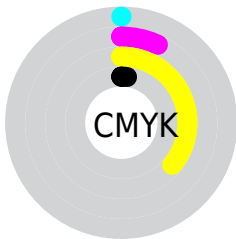
Distribution



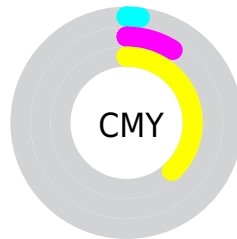
- Red (98%)
- Green (91%)
- Blue (62%)



- Red (71%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1815, 80.3562, 44.4014 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 74.1815, 80.3562, 44.4014 by changing the saturation by 10% instead.


 74.1815, 80.3562,
44.4014


 74.1815, 80.3562,
44.4014


464.1402,
496.1324, 380.4330

 55.2344, 60.0115,
30.6467


 124.1472,
133.8664, 83.1303

 39.8240, 43.4279,
20.0738


 155.8965,
167.8007, 108.9416

 27.5850, 30.2210,
12.2641

192.6439,
207.0337, 139.6088

 18.1519, 20.0064,
6.7991

234.7548,
251.9498, 175.5505

 11.1594, 12.3997,
3.2602

282.5945,
302.9333, 217.1853

 6.2423, 7.0165,
1.2290

336.5284,

 3.0350, 3.4724,

360.3686, 264.9315

0.0025

396.9219,
424.6402, 319.2079

■ 1.1723, 1.3831,
0.0000

■ 0.0843, 0.2042,
0.0000

■ 74.1815, 80.3562,
44.4014

■ 74.1815, 80.3562,
44.4014

■ 70.9296, 76.9689,
33.7098

■ 77.9081, 83.9958,
57.4003

■ 68.1199, 73.8118,
25.1820

■ 82.1277, 87.8868,
72.8286

■ 65.7249, 70.8764,
18.6662

■ 86.8650, 92.0424,
90.8055

■ 63.7114, 68.1489,
13.9887

■ 91.5556, 96.2372,
108.3579

■ 62.0405, 65.6133,
10.9464

■ 92.8769, 98.8797,
108.7983

■ 60.6641, 63.2500,
9.2869

■ 60.1836, 62.3732,
8.8672

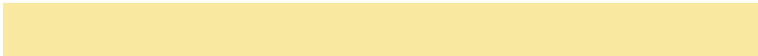
Harmonies

Analogous

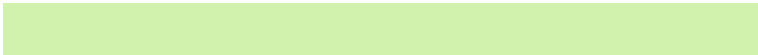
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9690, 80.3562, 46.9576



74.1815, 80.3562, 44.4014



65.7215, 80.3562, 51.2749

Triad

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



74.1815, 80.3562, 44.4014



62.3769, 80.3562, 123.6226



94.8649, 80.3562, 110.2915

Complementary

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



74.1815, 80.3562, 44.4014



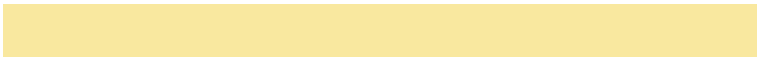
46.9219, 45.2596, 95.8853

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.



88.1243, 80.3562, 137.6891



74.1815, 80.3562, 44.4014



69.2554, 80.3562, 146.4553

Square

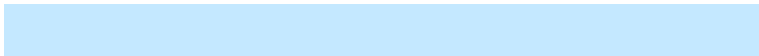
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1815, 80.3562, 44.4014



59.2901, 80.3562, 93.9954



78.6137, 80.3562, 152.0847



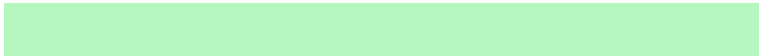
96.4647, 80.3562, 81.2999

Rectangle

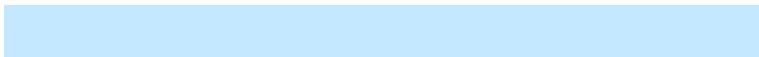
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1815, 80.3562, 44.4014



61.7863, 80.3562, 61.3582



78.6137, 80.3562, 152.0847



93.0990, 80.3562, 120.1631

Sweetspot

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



74.1835, 80.3599, 44.4031



89.1918, 94.9904, 86.2709



59.4014, 48.1112, 47.7515



18.9463, 20.2049, 17.9186



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.



74.1835, 80.3599, 44.4031



75.8850, 82.3294, 38.8214



70.2582, 85.7842, 45.6570



18.4325, 19.6008, 18.2742



32.3146, 33.5858, 4.7795



3.0623, 3.2494, 0.4658

Inverse Universe

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



46.9219, 45.2596, 95.8853



43.4349, 40.5637, 100.1481



49.7475, 42.0759, 95.1219



16.5482, 17.1732, 21.8279



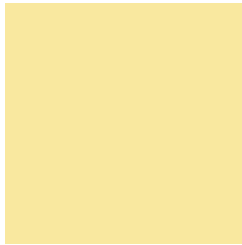
9.7725, 4.9006, 48.4044



0.9739, 0.5914, 4.5060

Previews

White Background



This preview shows how the XYZ color 74.1815, 80.3562, 44.4014 looks on a white background.

Color Contrast Check

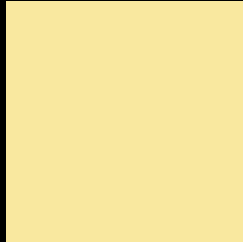
Large Text (above 18pt) WCAG AA × Fail

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 74.1815, 80.3562, 44.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

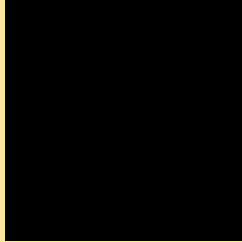
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1815, 80.3562, 44.4014

Background



This preview shows how black text looks on a background with the XYZ color 74.1815, 80.3562, 44.4014.

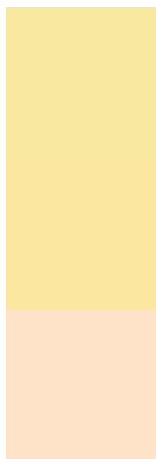


This preview shows how white text looks on a background with the XYZ color 74.1815, 80.3562,

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

74.1815, 80.3562, 44.4014

Protanopia

74.6176, 80.1643, 44.3414

Deuteranopia

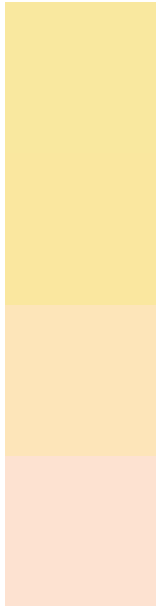
79.1344, 80.3683, 65.9854



Tritanopia

83.0603, 80.2084, 91.9929

Trichromacy



Original Color

74.1815, 80.3562, 44.4014

Protanomaly

74.2583, 79.9790, 44.3246

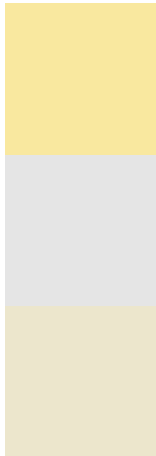
Deuteranomaly

77.2843, 80.4241, 57.3490

Tritanomaly

79.2130, 79.8788, 71.5648

Monochromacy



Original Color

74.1815, 80.3562, 44.4014

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.7880, 78.7861, 68.4449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1815, 80.3562, 44.4014 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(249, 232, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 159)  
}
```

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(249, 232, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 159) }
```

Border

The CSS property to change the border of an element to XYZ 74.1815, 80.3562, 44.4014 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(249, 232, 159) }
```


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

```
.border{ border-color:rgb(249, 232, 159) }
```

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

Here you see how a box with a 4 pixel rgb(249, 232, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1815, 80.3562, 44.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 159) }
```

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

```
.background{ background-color: rgb(249,  
232, 159) }
```

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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