

Converting Colors

XYZ(76.2505, 81.2321, 69.3826)

Have a look what the booklet for
XYZ(76.2505, 81.2321, 69.3826)
contains.

XYZ(76.4340, 81.3864, 69.4382)	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(76.4340, 81.3864,
69.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E9CD
RGB	241, 233, 205
RGB Percent	95%, 91%, 80%
CMY	0.0549, 0.0863, 0.1961
CMYK	0.00, 0.03, 0.15, 0.05
HSL	47°, 56%, 87%
HSV	47°, 15%, 95%
XYZ	76.4340, 81.3864, 69.4382
YIQ	232.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

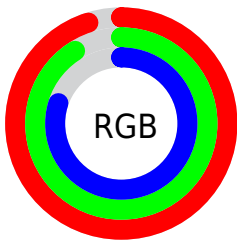
Format	Color
R _Y B	215, 241, 205
Decimal	15854029
CIE Lab	92.30, -1.86, 14.58
CIE LCh	92, 14.697, 97.274
Yxy	81.3864, 0.3363, 0.3581
Android (android.graphics.Color)	4294044109 (0xFFF1E9CD)
YUV	232.2000, -13.4096, 7.7176
Hunter-Lab	90.2144, -6.6414, 17.5145

Details

The XYZ color **76.4340, 81.3864, 69.4382** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.8480, 66.9171, 92.7182**, and the grayscale version is **76.9434, 80.9505, 88.1551**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3156, 43.9929, 35.5921** is the 20% darker color. If you saturate the color by 10%, you get **72.2545, 77.3295, 54.7810**, and if you desaturate by 10%, it is **81.1120, 85.7217, 86.4742**.

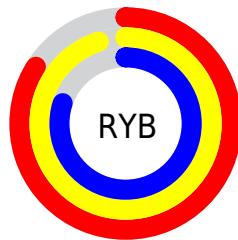
Distribution



Red (95%)

Green (91%)

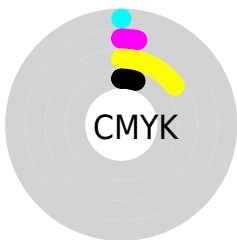
Blue (80%)



Red (84%)

Yellow (95%)

Blue (80%)

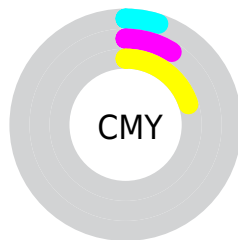


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (5%)



Cyan (5%)

Magenta (9%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4340, 81.3864, 69.4382 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 76.4340, 81.3864, 69.4382 by changing the saturation by 10% instead.

76.4340, 81.3864,
69.4382

76.4340, 81.3864,
69.4382

471.7536,
499.5929, 477.3107

57.0868, 60.8599,
50.5947

127.3173,
135.3132, 120.0808

41.3153, 44.1121,
35.5117

159.5841,
169.4823, 152.7170

28.7543, 30.7586,
23.7706

196.8880,
208.9676, 190.7879

19.0384, 20.4151,
14.9529

239.5946,
254.1537, 234.7119

11.8022, 12.6972,
8.6401

288.0691,
305.4249, 284.9077

6.6804, 7.2203,
4.4136

342.6768,

3.3076, 3.6003,

363.1655, 341.7937

1.8549

403.7832,
427.7601, 405.7885

■ 1.3184, 1.4526,
0.4638

■ 0.1969, 0.2550,
0.0000

■ 76.4340, 81.3864,
69.4382

■ 76.4340, 81.3864,
69.4382

■ 72.2545, 77.3295,
54.7810

■ 81.1120, 85.7217,
86.4742

■ 68.5462, 73.5313,
42.3897

■ 86.3014, 90.3330,
105.9847

■ 65.2887, 69.9856,
32.1498

■ 88.2210, 93.7111,
108.0461

■ 62.4576, 66.6821,
23.9348

■ 89.8996, 97.0683,
108.6056

■ 60.0261, 63.6094,
17.6049

■ 90.0859, 97.4409,
108.6677

■ 57.9637, 60.7545,
13.0026

■ 56.2353, 58.1028,
9.9443

■ 54.7977, 55.6362,
8.2050

■ 54.1478, 54.4447,
7.6550

Harmonies

Analogous

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



80.2124, 81.3864, 70.6833



76.4340, 81.3864, 69.4382



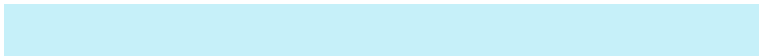
73.0144, 81.3864, 72.9863

Triad

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



76.4340, 81.3864, 69.4382



71.6858, 81.3864, 101.9019



84.2919, 81.3864, 96.9481

Complementary

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



76.4340, 81.3864, 69.4382



64.8480, 66.9171, 92.7182

Split Complementary

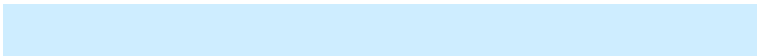
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8650, 81.3864, 106.3313



76.4340, 81.3864, 69.4382



74.5669, 81.3864, 109.3509

Square

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



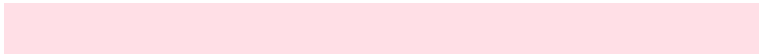
76.4340, 81.3864, 69.4382



70.3319, 81.3864, 91.2916



78.2840, 81.3864, 111.0348



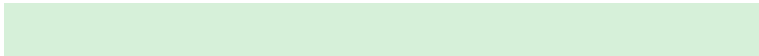
84.8315, 81.3864, 85.9931

Rectangle

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



76.4340, 81.3864, 69.4382



71.3702, 81.3864, 77.7781



78.2840, 81.3864, 111.0348



83.6660, 81.3864, 100.4165

Sweetspot

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



76.4362, 81.3900, 69.4399



92.7325, 97.9235, 100.2398



70.1690, 67.1889, 72.4888



19.7575, 20.8773, 21.1178



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.



76.4362, 81.3900, 69.4399



85.3548, 91.0561, 73.4634



75.5598, 84.3747, 70.0622



16.8078, 17.8287, 16.7051



29.4677, 29.7335, 4.1860



2.5238, 2.6184, 0.3724

Inverse Universe

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



64.8480, 66.9171, 92.7182



69.7810, 71.6063, 104.7513



65.6165, 64.4012, 92.1921



15.1819, 15.7980, 19.9707



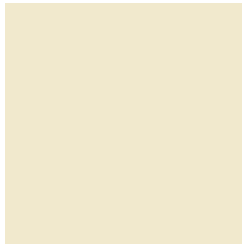
9.3950, 5.0143, 45.6006



0.8534, 0.5607, 3.8175

Previews

White Background



This preview shows how the XYZ color 76.4340, 81.3864, 69.4382 looks on a white background.

Color Contrast Check

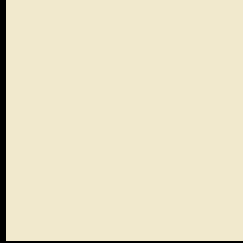
Large Text (above 18pt) WCAG AA × Fail

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 76.4340, 81.3864, 69.4382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

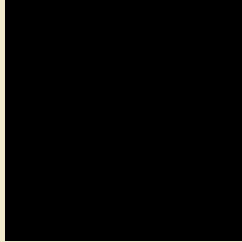
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4340, 81.3864, 69.4382

Background



This preview shows how black text looks on a background with the XYZ color 76.4340, 81.3864, 69.4382.



This preview shows how white text looks on a background with the XYZ color 76.4340, 81.3864,

69.4382.

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

76.4340, 81.3864, 69.4382

Protanopia

77.1843, 81.3541, 69.3925

Deuteranopia

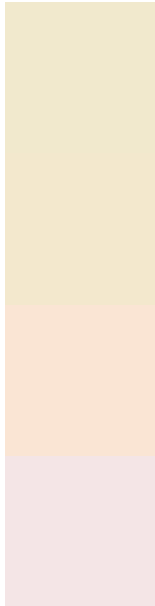
81.1038, 81.1560, 76.3558



Tritanopia

81.9566, 81.1236, 97.7250

Trichromacy



Original Color

76.4340, 81.3864, 69.4382

Protanomaly

76.8382, 81.1757, 69.3763

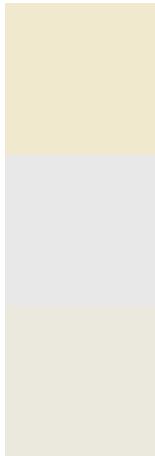
Deuteranomaly

79.3273, 81.1161, 73.7633

Tritanomaly

79.6105, 80.9849, 86.2986

Monochromacy



Original Color

76.4340, 81.3864, 69.4382

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.3024, 80.6493, 80.6526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4340, 81.3864, 69.4382 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(241, 233, 205)` looks like.

```
.text, #text, p{  
    color:rgb(241, 233, 205)  
}
```

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(241, 233, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 233, 205) }
```

Border

The CSS property to change the border of an element to XYZ 76.4340, 81.3864, 69.4382 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(241, 233, 205) }
```


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

```
.border{ border-color:rgb(241, 233, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 233, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 233, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 233, 205);  
box-shadow:4px 4px 4px 4px rgb(241, 233,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4340, 81.3864, 69.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 233, 205) }
```

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

```
.background{ background-color: rgb(241,  
233, 205) }
```

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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