

Converting Colors

XYZ(74.4483, 81.4749, 77.7843)

Have a look what the booklet for
XYZ(74.4483, 81.4749, 77.7843)
contains.

XYZ(74.5147, 81.4946, 77.4483)	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(74.5147, 81.4946,
77.4483)**

Conversions

Conversions Part 1

Format	Color
Hex	E4ECD9
RGB	228, 236, 217
RGB Percent	89%, 93%, 85%
CMY	0.1059, 0.0745, 0.1490
CMYK	0.03, 0.00, 0.08, 0.07
HSL	85°, 33%, 89%
HSV	85°, 8%, 93%
XYZ	74.5147, 81.4946, 77.4483
YIQ	231.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

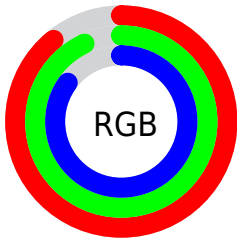
Format	Color
RYB	217, 236, 225
Decimal	15002841
CIELab	92.35, -5.99, 8.28
CIELCh	92, 10.222, 125.889
Yxy	81.4946, 0.3192, 0.3491
Android (android.graphics.Color)	4293192921 (0xFFE4ECD9)
YUV	231.4420, -7.1199, -3.0186
Hunter-Lab	90.2744, -10.6418, 12.3259

Details

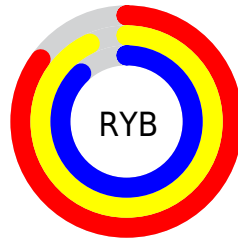
The XYZ color **74.5147, 81.4946, 77.4483** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.0077, 71.6916, 89.4565**, and the grayscale version is **76.3375, 80.3130, 87.4609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0764, 44.1354, 40.5891** is the 20% darker color. If you saturate the color by 10%, you get **68.5991, 78.7771, 62.2770**, and if you desaturate by 10%, it is **81.0552, 84.4883, 94.9438**.

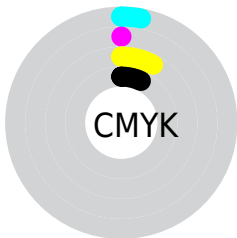
Distribution



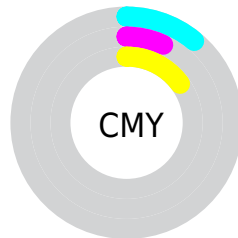
- Red (89%)
- Green (93%)
- Blue (85%)



- Red (85%)
- Yellow (93%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5147, 81.4946, 77.4483 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 74.5147, 81.4946, 77.4483 by changing the saturation by 10% instead.

■ 74.5147, 81.4946,
77.4483

■ 74.5147, 81.4946,
77.4483

465.2708,
499.9556, 505.7694

■ 55.5082, 60.9490,
57.1071

124.6167,
135.4650, 131.5509

■ 40.0442, 44.1840,
40.6813

156.4430,
169.6587, 166.1494

■ 27.7574, 30.8152,
27.7523

193.2732,
209.1705, 206.3374

■ 18.2824, 20.4582,
17.9016

235.4727,
254.3848, 252.5335

■ 11.2538, 12.7285,
10.7107

283.4068,
305.6861, 305.1562

■ 6.3064, 7.2419,
5.7609

337.4410,

■ 3.0747, 3.6138,

363.4587, 364.6241

2.6338

397.9405,
428.0871, 431.3556

■ 1.1934, 1.4600,
0.9098

■ 0.1011, 0.2603,
0.0000

■ 74.5147, 81.4946,
77.4483

■ 74.5147, 81.4946,
77.4483

■ 68.5991, 78.7771,
62.2770

■ 81.0552, 84.4883,
94.9438

■ 63.2801, 76.3162,
49.3267

■ 86.7167, 87.1491,
106.8587

■ 58.5370, 74.1058,
38.4944

■ 89.2871, 88.4741,
106.9790

■ 54.3451, 72.1359,
29.6670

■ 50.6778, 70.3953,
22.7208

■ 47.5055, 68.8718,
17.5181

■ 44.7951, 67.5517,
13.9028

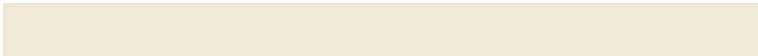
■ 42.5082, 66.4194,
11.6908

■ 40.5924, 65.4533,
10.6263

Harmonies

Analogous

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



76.9375, 81.4946, 75.0188



74.5147, 81.4946, 77.4483



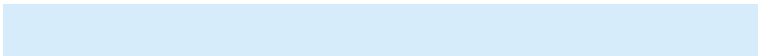
72.9079, 81.4946, 82.9154

Triad

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



74.5147, 81.4946, 77.4483



75.3990, 81.4946, 102.7043



82.6284, 81.4946, 87.2476

Complementary

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



74.5147, 81.4946, 77.4483



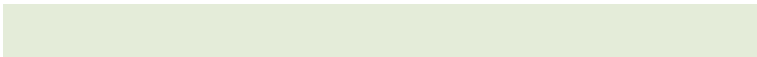
71.0077, 71.6916, 89.4565

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.



82.1939, 81.4946, 94.8181



74.5147, 81.4946, 77.4483



77.9812, 81.4946, 104.0261

Square

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



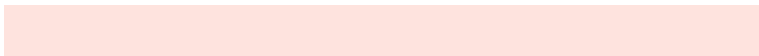
74.5147, 81.4946, 77.4483



73.4103, 81.4946, 97.5496



80.4782, 81.4946, 101.0655



81.6522, 81.4946, 80.4658

Rectangle

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



74.5147, 81.4946, 77.4483



72.4951, 81.4946, 87.6936



80.4782, 81.4946, 101.0655



82.6427, 81.4946, 89.7821

Sweetspot

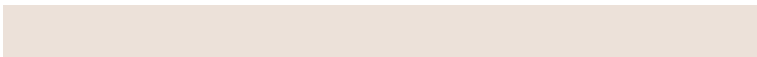
The Sweet Spot groups the original color and five complimentary colors.



74.5169, 81.4981, 77.4501



93.4537, 99.2707, 104.5959



74.0221, 76.6508, 76.5405



20.0197, 21.2557, 22.4329



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.



74.5169, 81.4981, 77.4501



87.3711, 96.4847, 88.5138



71.6105, 79.9998, 77.3140



15.7034, 17.2927, 16.0289



22.3353, 36.0588, 5.7828



1.8632, 2.8879, 0.4592

Inverse Universe

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



71.0077, 71.6916, 89.4565



82.2248, 82.1031, 106.1215



74.0248, 73.2470, 89.5977



14.8325, 14.8589, 19.0086



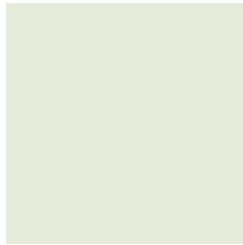
11.3467, 4.8853, 44.0879



0.9986, 0.4391, 3.4670

Previews

White Background



This preview shows how the XYZ color 74.5147, 81.4946, 77.4483 looks on a white background.

Color Contrast Check

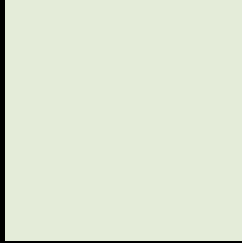
Large Text (above 18pt) WCAG AA × Fail

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 74.5147, 81.4946, 77.4483 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

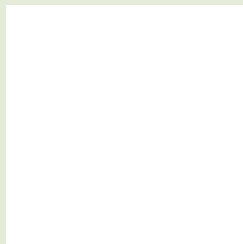
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5147, 81.4946, 77.4483

Background



This preview shows how black text looks on a background with the XYZ color 74.5147, 81.4946, 77.4483.

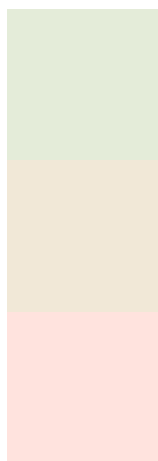


This preview shows how white text looks on a background with the XYZ color 74.5147, 81.4946,

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

74.5147, 81.4946, 77.4483

Protanopia

77.3980, 81.3203, 75.9071

Deuteranopia

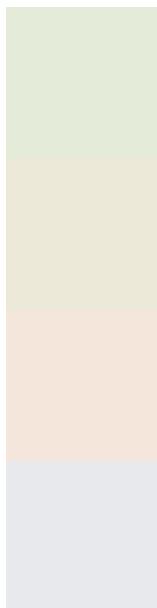
81.8939, 81.4721, 80.5167



Tritanopia

79.2791, 81.3150, 101.1394

Trichromacy



Original Color

74.5147, 81.4946, 77.4483

Protanomaly

76.1257, 81.0686, 76.6013

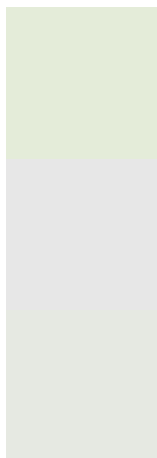
Deuteranomaly

78.8713, 81.1734, 79.2212

Tritanomaly

77.3800, 81.3812, 91.7505

Monochromacy



Original Color

74.5147, 81.4946, 77.4483

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4995, 80.5918, 83.5280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5147, 81.4946, 77.4483 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(228, 236, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 236, 217)  
}
```

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(228, 236, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 236, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.5147, 81.4946, 77.4483 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(228, 236, 217) }
```


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

```
.border{ border-color:rgb(228, 236, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 236, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 236, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 236, 217);  
box-shadow:4px 4px 4px 4px rgb(228, 236,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5147, 81.4946, 77.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 236, 217) }
```

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

```
.background{ background-color: rgb(228,  
236, 217) }
```

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