

Converting Colors

XYZ(73.9072, 82.3151, 77.6345)

Have a look what the booklet for
XYZ(73.9072, 82.3151, 77.6345)
contains.

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Color

**XYZ(74.1314, 82.5901,
77.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EFD9
RGB	224, 239, 217
RGB Percent	88%, 94%, 85%
CMY	0.1216, 0.0627, 0.1490
CMYK	0.06, 0.00, 0.09, 0.06
HSL	101°, 41%, 89%
HSV	101°, 9%, 94%
XYZ	74.1314, 82.5901, 77.6800
YIQ	232.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

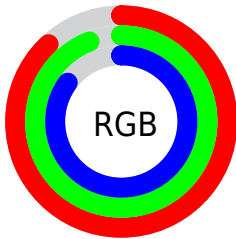
Format	Color
R _Y B	217, 239, 232
Decimal	14741465
CIE Lab	92.83, -8.87, 8.94
CIE LCh	93, 12.590, 134.777
Yxy	82.5901, 0.3163, 0.3523
Android (android.graphics.Color)	4292931545 (0xFFE0EFD9)
YUV	232.0070, -7.3985, -7.0221
Hunter-Lab	90.8791, -13.4334, 12.9365

Details

The XYZ color **74.1314, 82.5901, 77.6800** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.6748, 73.0158, 91.8761**, and the grayscale version is **76.7636, 80.7613, 87.9491**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8173, 44.9106, 40.7524** is the 20% darker color. If you saturate the color by 10%, you get **66.4343, 78.9581, 62.2503**, and if you desaturate by 10%, it is **82.7675, 86.6590, 95.5072**.

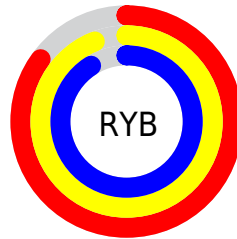
Distribution



Red (88%)

Green (94%)

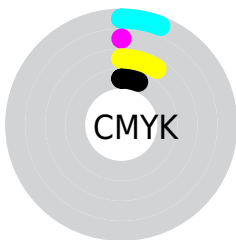
Blue (85%)



Red (85%)

Yellow (94%)

Blue (91%)

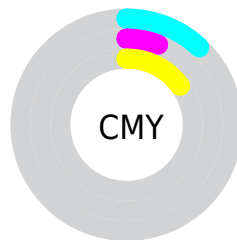


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (12%)

Magenta (6%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1314, 82.5901, 77.6800 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 74.1314, 82.5901, 77.6800 by changing the saturation by 10% instead.

74.1314, 82.5901,
77.6800

74.1314, 82.5901,
77.6800

463.9701,
503.6194, 506.5785

55.1933, 61.8521,
57.2963

124.0766,
137.0012, 131.8807

39.7909, 44.9132,
40.8322

155.8143,
171.4431, 166.5347

27.5591, 31.3890,
27.8693

192.5492,
211.2217, 206.7826

18.1323, 20.8953,
17.9890

234.6468,
256.7214, 253.0428

11.1453, 13.0475,
10.7727

282.4723,
308.3266, 305.7340

6.2326, 7.4612,
5.8020

336.3911,

3.0291, 3.7522,

366.4218, 365.2747

2.6582

396.7686,
431.3912, 432.0833

■ 1.1691, 1.5359,
0.9223

■ 0.0818, 0.3138,
0.0000

■ 74.1314, 82.5901,
77.6800

■ 74.1314, 82.5901,
77.6800

■ 66.4343, 78.9581,
62.2503

■ 82.7675, 86.6590,
95.5072

■ 59.6366, 75.7375,
49.1106

■ 90.1581, 90.2163,
107.2694

■ 53.7057, 72.9164,
38.1533

■ 48.6045, 70.4782,
29.2598

■ 44.2928, 68.4050,
22.3007

■ 40.7267, 66.6773,
17.1314

■ 37.8576, 65.2737,
13.5873

■ 35.6296, 64.1696,
11.4736

■ 33.9652, 63.3317,
10.4886

Harmonies

Analogous

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



76.8984, 82.5901, 73.5355



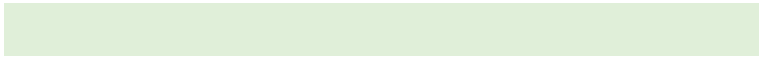
74.1314, 82.5901, 77.6800



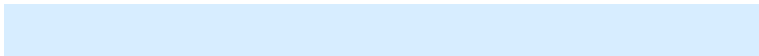
72.5575, 82.5901, 85.2570

Triad

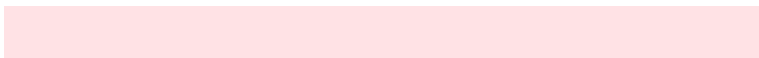
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1314, 82.5901, 77.6800



76.8515, 82.5901, 108.5472



84.7706, 82.5901, 85.3885

Complementary

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



74.1314, 82.5901, 77.6800



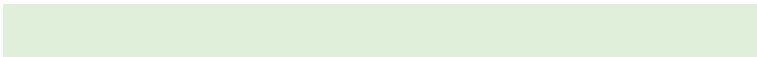
73.6748, 73.0158, 91.8761

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.



84.7571, 82.5901, 94.7636



74.1314, 82.5901, 77.6800



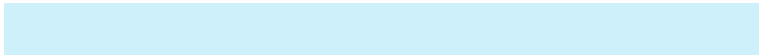
80.1225, 82.5901, 108.5885

Square

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



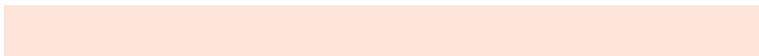
74.1314, 82.5901, 77.6800



74.0979, 82.5901, 103.2877



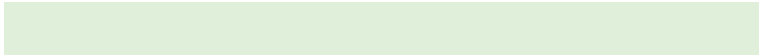
83.0357, 82.5901, 103.3971



83.0719, 82.5901, 77.7704

Rectangle

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



74.1314, 82.5901, 77.6800



72.3681, 82.5901, 91.4424



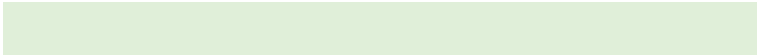
83.0357, 82.5901, 103.3971



84.9676, 82.5901, 88.4276

Sweetspot

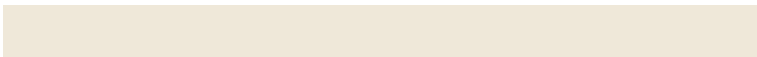
The Sweet Spot groups the original color and five complimentary colors.



74.1337, 82.5937, 77.6818



91.9494, 98.5411, 102.4532



76.8872, 80.8897, 77.2078



19.5072, 21.0101, 21.5698



0.0000, 0.0000, 0.0000



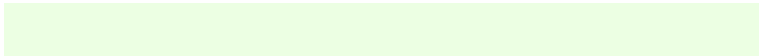
20.3446, 21.4041, 23.3091

Same Dimension

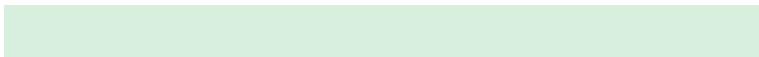
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1337, 82.5937, 77.6818



84.1681, 94.8744, 86.5133



72.4911, 81.6911, 80.1230



16.0392, 17.9004, 16.7595



18.8260, 35.0267, 5.7686



1.6656, 2.9652, 0.4845

Inverse Universe

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



73.6748, 73.0158, 91.8761



83.5385, 81.7376, 105.9817



75.4562, 73.9961, 89.1595



15.9368, 15.7647, 19.9245



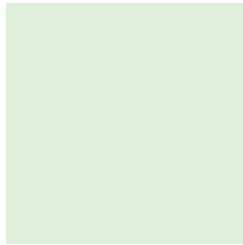
17.0959, 7.8186, 45.7360



1.5250, 0.7034, 3.8096

Previews

White Background



This preview shows how the XYZ color 74.1314, 82.5901, 77.6800 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 74.1314, 82.5901, 77.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

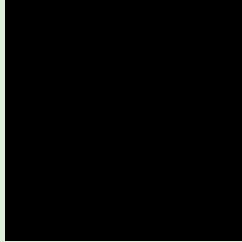
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

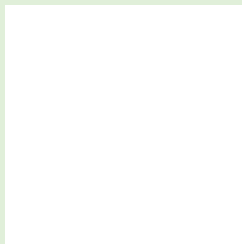
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1314, 82.5901, 77.6800

Background



This preview shows how black text looks on a background with the XYZ color 74.1314, 82.5901, 77.6800.



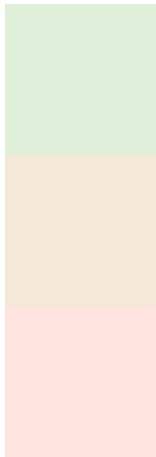
This preview shows how white text looks on a background with the XYZ color 74.1314, 82.5901,

77.6800.

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

74.1314, 82.5901, 77.6800

Protanopia

78.2387, 82.1876, 75.3585

Deuteranopia

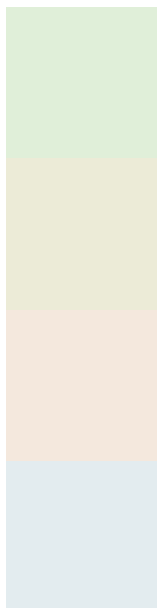
82.4379, 82.1286, 82.0285



Tritanopia

79.3066, 82.5319, 103.8458

Trichromacy



Original Color

74.1314, 82.5901, 77.6800

Protanomaly

76.5661, 82.1558, 76.1122

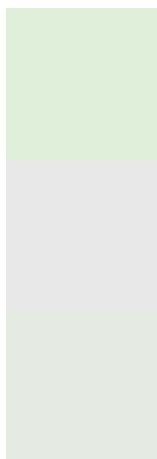
Deuteranomaly

79.2160, 82.1668, 80.0913

Tritanomaly

77.2540, 82.5538, 93.5241

Monochromacy



Original Color

74.1314, 82.5901, 77.6800

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8866, 81.6207, 84.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1314, 82.5901, 77.6800 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(224, 239, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 239, 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(224, 239, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 239, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.1314, 82.5901, 77.6800 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(224, 239, 217) }
```


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

```
.border{ border-color:rgb(224, 239, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 239, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 239, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 239, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 239,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1314, 82.5901, 77.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 239, 217) }
```

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

```
.background{ background-color: rgb(224,  
239, 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](#).

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