

Converting Colors

XYZ(73.0570, 80.8026, 74.6967)

Have a look what the booklet for
XYZ(73.0570, 80.8026, 74.6967)
contains.

XYZ(73.0570, 80.8026, 74.6967)	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(73.0570, 80.8026,
74.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ECD5
RGB	225, 236, 213
RGB Percent	88%, 93%, 84%
CMY	0.1176, 0.0745, 0.1647
CMYK	0.05, 0.00, 0.10, 0.07
HSL	89°, 38%, 88%
HSV	89°, 10%, 93%
XYZ	73.0570, 80.8026, 74.6967
YIQ	230.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

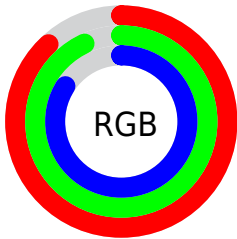
Format	Color
R _Y B	213, 236, 224
Decimal	14806229
CIE Lab	92.04, -7.69, 9.89
CIE LCh	92, 12.531, 127.874
Yxy	80.8026, 0.3196, 0.3535
Android (android.graphics.Color)	4292996309 (0xFFE1ECD5)
YUV	230.0890, -8.4249, -4.4631
Hunter-Lab	89.8903, -12.2347, 13.6546

Details

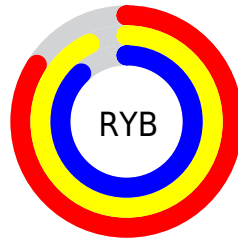
The XYZ color **73.0570, 80.8026, 74.6967** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.6783, 69.4942, 89.1025**, and the grayscale version is **75.3415, 79.2652, 86.3198**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0704, 43.6572, 38.7152** is the 20% darker color. If you saturate the color by 10%, you get **66.8733, 77.9384, 59.8918**, and if you desaturate by 10%, it is **79.9139, 83.9681, 91.8120**.

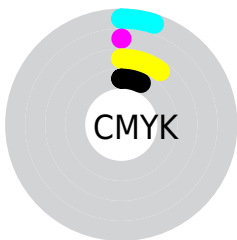
Distribution



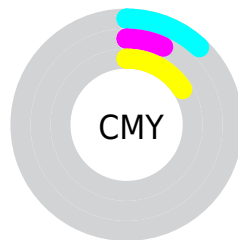
- Red (88%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0570, 80.8026, 74.6967 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 73.0570, 80.8026, 74.6967 by changing the saturation by 10% instead.

73.0570, 80.8026,
74.6967

73.0570, 80.8026,
74.6967

460.3131,
497.6335, 496.1020

54.3111, 60.3790,
54.8642

122.5608,
134.4936, 127.6261

39.0821, 43.7242,
38.8952

154.0495,
168.5297, 161.5601

27.0046, 30.4538,
26.3710

190.5164,
207.8723, 201.0316

17.7133, 20.1833,
16.8731

232.3270,
252.9055, 246.4593

10.8428, 12.5283,
9.9831

279.8466,
304.0138, 298.2616

6.0277, 7.1046,
5.2823

333.4406,

2.9028, 3.5276,

361.5817, 356.8572

2.3522

393.4743,
425.9935, 422.6645

■ 1.1026, 1.4130,
0.7602

■ 0.0273, 0.2263,
0.0000

■ 73.0570, 80.8026,
74.6967

■ 73.0570, 80.8026,
74.6967

■ 66.8733, 77.9384,
59.8918

■ 79.9139, 83.9681,
91.8120

■ 61.3329, 75.3554,
47.2930

■ 86.6102, 87.0942,
106.8538

■ 56.4134, 73.0465,
36.7961

■ 89.2871, 88.4742,
106.9790

■ 52.0882, 71.0007,
28.2861

■ 48.3285, 69.2058,
21.6371

■ 45.1027, 67.6486,
16.7088

■ 42.3752, 66.3142,
13.3410

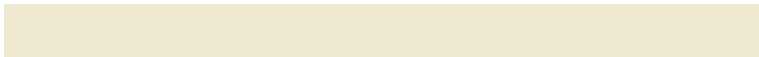
■ 40.1043, 65.1854,
11.3433

■ 38.2247, 64.2353,
10.4011

Harmonies

Analogous

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



75.9542, 80.8026, 71.5392



73.0570, 80.8026, 74.6967



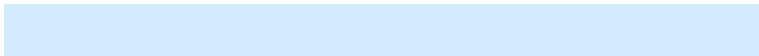
71.1996, 80.8026, 81.4613

Triad

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



73.0570, 80.8026, 74.6967



74.4891, 80.8026, 105.4734



83.1064, 80.8026, 85.5702

Complementary

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



73.0570, 80.8026, 74.6967



69.6783, 69.4942, 89.1025

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.



82.6876, 80.8026, 94.8381



73.0570, 80.8026, 74.6967



77.6529, 80.8026, 106.7652

Square

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



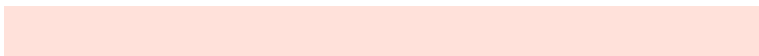
73.0570, 80.8026, 74.6967



72.0102, 80.8026, 99.3366



80.6696, 80.8026, 102.7522



81.7986, 80.8026, 77.5242

Rectangle

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



73.0570, 80.8026, 74.6967



70.7705, 80.8026, 87.3234



80.6696, 80.8026, 102.7522



83.1636, 80.8026, 88.6404

Sweetspot

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



73.0592, 80.8061, 74.6985



92.5090, 98.8295, 102.4794



73.1894, 75.8080, 73.7269



19.6581, 21.0878, 21.5768



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.



73.0592, 80.8061, 74.6985



85.3269, 95.5121, 84.7442



69.6716, 79.0597, 74.5399



15.6180, 17.2486, 16.0249



21.1953, 35.4710, 5.7295



1.7754, 2.8426, 0.4551

Inverse Universe

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



69.6783, 69.4942, 89.1025



80.4229, 79.1040, 105.6376



73.2757, 71.3487, 89.2709



14.9168, 14.9024, 19.0125



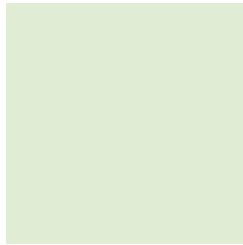
12.2399, 5.3458, 44.1297



1.0716, 0.4767, 3.4704

Previews

White Background



This preview shows how the XYZ color 73.0570, 80.8026, 74.6967 looks on a white background.

Color Contrast Check

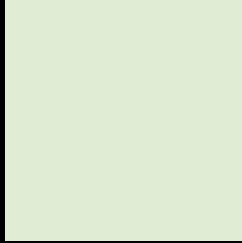
Large Text (above 18pt) WCAG AA × Fail

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 73.0570, 80.8026, 74.6967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

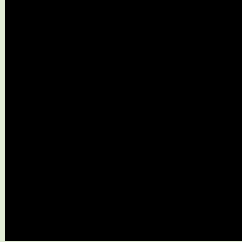
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

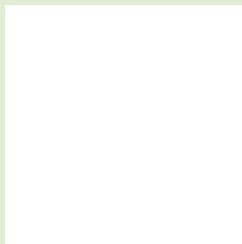
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0570, 80.8026, 74.6967

Background



This preview shows how black text looks on a background with the XYZ color 73.0570, 80.8026, 74.6967.

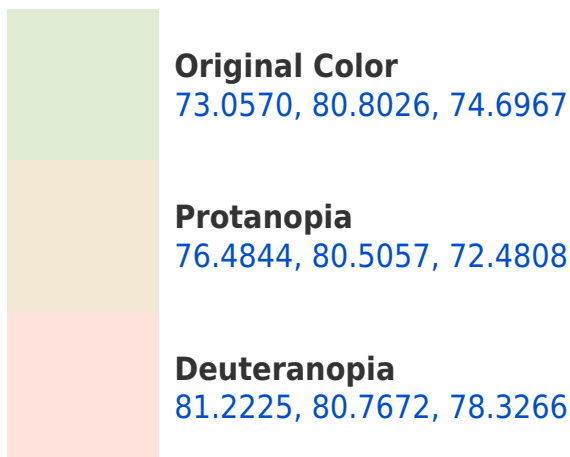


This preview shows how white text looks on a background with the XYZ color 73.0570, 80.8026,

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

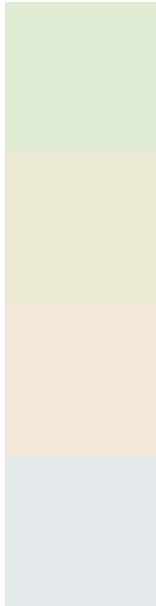




Tritanopia

78.3079, 80.8144, 101.0940

Trichromacy



Original Color

73.0570, 80.8026, 74.6967

Protanomaly

75.1577, 80.6431, 73.2325

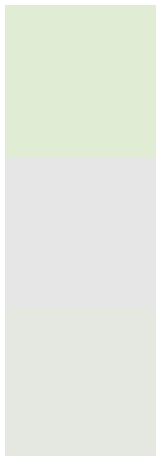
Deuteranomaly

78.1294, 80.8365, 77.1308

Tritanomaly

76.2741, 80.8279, 90.9382

Monochromacy



Original Color

73.0570, 80.8026, 74.6967

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.3061, 79.5890, 81.9669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0570, 80.8026, 74.6967 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(225, 236, 213)` looks like.

```
.text, #text, p{  
    color:rgb(225, 236, 213)  
}
```

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(225, 236, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 236, 213) }
```

Border

The CSS property to change the border of an element to XYZ 73.0570, 80.8026, 74.6967 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(225, 236, 213) }
```


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

```
.border{ border-color:rgb(225, 236, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 236, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 236, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 236, 213); box-shadow:4px 4px 4px 4px rgb(225, 236, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0570, 80.8026, 74.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 236, 213) }
```

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

```
.background{ background-color: rgb(225,  
236, 213) }
```

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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