

Converting Colors

XYZ(69.5214, 74.6305, 73.5182)

Have a look what the booklet for
XYZ(69.5214, 74.6305, 73.5182)
contains.

XYZ(69.6380, 74.8848, 73.7347)	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(69.6380, 74.8848,
73.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE2D5
RGB	223, 226, 213
RGB Percent	87%, 89%, 84%
CMY	0.1255, 0.1137, 0.1647
CMYK	0.01, 0.00, 0.06, 0.11
HSL	74°, 18%, 86%
HSV	74°, 6%, 89%
XYZ	69.6380, 74.8848, 73.7347
YIQ	223.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

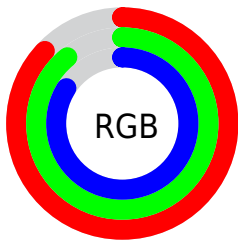
Format	Color
R_{YB}	213, 226, 216
Decimal	14672597
CIE Lab	89.34, -3.29, 5.99
CIE LCh	89, 6.834, 118.812
Yxy	74.8848, 0.3191, 0.3431
Android (android.graphics.Color)	4292862677 (0xFFDFE2D5)
YUV	223.6210, -5.2362, -0.5446
Hunter-Lab	86.5360, -7.7939, 10.0560

Details

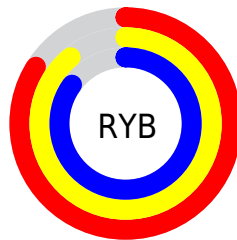
The XYZ color **69.6380, 74.8848, 73.7347** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8436, 67.6805, 81.5488**, and the grayscale version is **70.6178, 74.2955, 80.9078**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8829, 39.9193, 38.1090** is the 20% darker color. If you saturate the color by 10%, you get **65.3836, 73.0024, 59.5902**, and if you desaturate by 10%, it is **74.3461, 76.9592, 89.9904**.

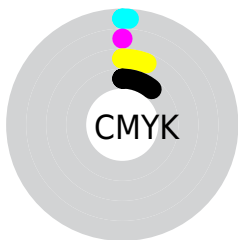
Distribution



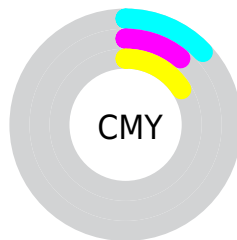
- Red (87%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6380, 74.8848, 73.7347 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 69.6380, 74.8848, 73.7347 by changing the saturation by 10% instead.

■ 69.6380, 74.8848,
73.7347

■ 69.6380, 74.8848,
73.7347

448.5642,
477.5215, 492.6961

■ 51.5100, 55.5185,
54.0815

117.7215,
126.1493, 126.2502

■ 36.8373, 39.8170,
38.2732

148.4076,
158.8163, 159.9496

■ 25.2547, 27.3959,
25.8913

184.0106,
196.6856, 199.1681

■ 16.3966, 17.8708,
16.5173

224.8956,
240.1417, 244.3242

■ 9.8979, 10.8573,
9.7326

271.4282,
289.5690, 295.8365

■ 5.3930, 5.9709,
5.1188

323.9735,

■ 2.5168, 2.8274,

345.3517, 354.1236

2.2572

382.8971,
407.8745, 419.6039

■ 0.9037, 1.0423,
0.7071

■ 0.0000, 0.0000,
0.0000

■ 69.6380, 74.8848,
73.7347

■ 69.6380, 74.8848,
73.7347

■ 65.3836, 73.0024,
59.5902

■ 74.3461, 76.9592,
89.9904

■ 61.5597, 71.2955,
47.4653

■ 78.9974, 79.0142,
105.6954

■ 58.1503, 69.7601,
37.2692

■ 80.7318, 79.9083,
105.7766

■ 55.1361, 68.3883,
28.9020

■ 82.5171, 80.8287,
105.8601

■ 52.4960, 67.1717,
22.2549

■ 84.3537, 81.7755,
105.9461

■ 50.2066, 66.1008,
17.2077

■ 86.2421, 82.7490,
106.0345

■ 48.2417, 65.1651,
13.6246

■ 86.4879, 82.8757,
106.0460

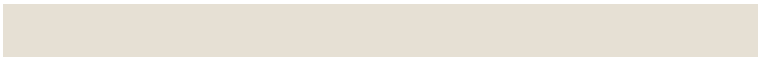
■ 46.5708, 64.3524,
11.3473

■ 45.1564, 63.6476,
10.1808

Harmonies

Analogous

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



71.2424, 74.8848, 72.6760



69.6380, 74.8848, 73.7347



68.4615, 74.8848, 76.8626

Triad

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



69.6380, 74.8848, 73.7347



69.5244, 74.8848, 89.6674



74.4377, 74.8848, 81.7277

Complementary

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



69.6380, 74.8848, 73.7347



65.8436, 67.6805, 81.5488

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.



73.9608, 74.8848, 86.3968



69.6380, 74.8848, 73.7347



71.1092, 74.8848, 91.0900

Square

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



69.6380, 74.8848, 73.7347



68.3966, 74.8848, 86.0539



72.7360, 74.8848, 89.8708



74.0292, 74.8848, 77.1807

Rectangle

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



69.6380, 74.8848, 73.7347



68.0692, 74.8848, 79.7639



72.7360, 74.8848, 89.8708



74.3755, 74.8848, 83.3358

Sweetspot

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



69.6401, 74.8880, 73.7363



93.8075, 99.4531, 104.6125



67.8858, 69.9930, 72.8839



20.0917, 21.2928, 22.4363



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.



69.6401, 74.8880, 73.7363



90.8070, 98.1294, 94.3905



67.7304, 73.9035, 73.6470



14.7218, 15.9394, 15.1917



25.5553, 36.2068, 5.6417



1.8476, 2.5490, 0.3946

Inverse Universe

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



65.8436, 67.6805, 81.5488



84.7469, 86.6243, 106.8613



67.7455, 68.6610, 81.6378



13.6691, 13.9408, 17.3581



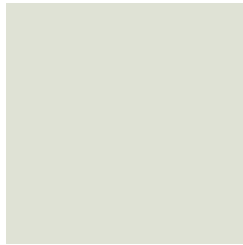
8.7321, 3.5969, 41.2824



0.6834, 0.2896, 2.8651

Previews

White Background



This preview shows how the XYZ color 69.6380, 74.8848, 73.7347 looks on a white background.

Color Contrast Check

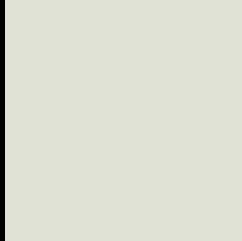
Large Text (above 18pt) WCAG AA × Fail

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 69.6380, 74.8848, 73.7347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

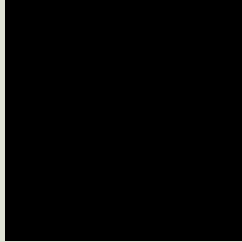
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

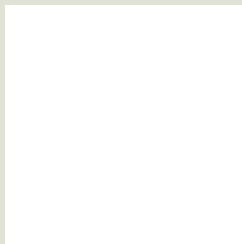
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6380, 74.8848, 73.7347

Background



This preview shows how black text looks on a background with the XYZ color 69.6380, 74.8848, 73.7347.

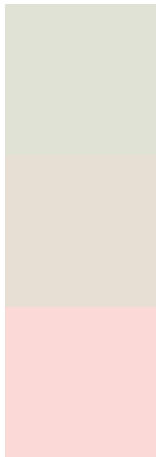


This preview shows how white text looks on a background with the XYZ color 69.6380, 74.8848,

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

69.6380, 74.8848, 73.7347

Protanopia

71.2263, 74.5177, 72.9167

Deuteranopia

76.5029, 74.8560, 74.7065



Tritanopia

73.5280, 74.8647, 93.0131

Trichromacy



Original Color

69.6380, 74.8848, 73.7347

Protanomaly

70.5342, 74.5588, 72.9611

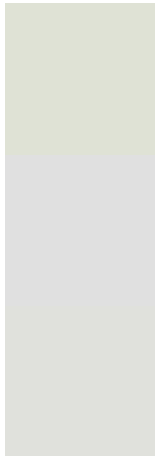
Deuteranomaly

73.6660, 74.5667, 74.1285

Tritanomaly

72.0346, 74.6573, 85.4766

Monochromacy



Original Color

69.6380, 74.8848, 73.7347

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.5840, 74.8650, 78.4404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6380, 74.8848, 73.7347 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(223, 226, 213) looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 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(223, 226, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 213) }
```

Border

The CSS property to change the border of an element to XYZ 69.6380, 74.8848, 73.7347 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(223, 226, 213) }
```


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

```
.border{ border-color:rgb(223, 226, 213) }
```

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

Here you see how a box with a 4 pixel rgb(223, 226, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 213);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6380, 74.8848, 73.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 226, 213) }
```

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

```
.background{ background-color: rgb(223,  
226, 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](#).

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