

Converting Colors

XYZ(69.3190, 76.2404, 69.8058)

Have a look what the booklet for
XYZ(69.3190, 76.2404, 69.8058)
contains.

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Color

**XYZ(69.3781, 76.4708,
70.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE6CF
RGB	221, 230, 207
RGB Percent	87%, 90%, 81%
CMY	0.1333, 0.0980, 0.1882
CMYK	0.04, 0.00, 0.10, 0.10
HSL	83°, 32%, 86%
HSV	83°, 10%, 90%
XYZ	69.3781, 76.4708, 70.1352
YIQ	224.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

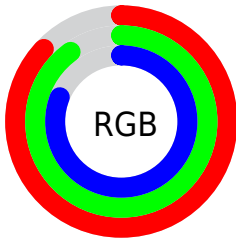
Format	Color
RYB	207, 230, 216
Decimal	14542543
CIELab	90.08, -7.04, 10.17
CIELCh	90, 12.366, 124.693
Yxy	76.4708, 0.3212, 0.3541
Android (android.graphics.Color)	4292732623 (0xFFDDE6CF)
YUV	224.6870, -8.7197, -3.2335
Hunter-Lab	87.4476, -11.4171, 13.6612

Details

The XYZ color **69.3781, 76.4708, 70.1352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9177, 64.9398, 83.9801**, and the grayscale version is **71.4047, 75.1233, 81.8093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8056, 41.0668, 36.1238** is the 20% darker color. If you saturate the color by 10%, you get **64.1010, 74.0542, 56.2635**, and if you desaturate by 10%, it is **75.2161, 79.1337, 86.1746**.

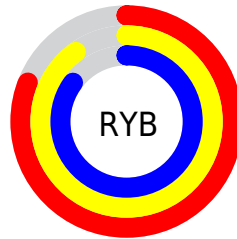
Distribution



Red (87%)

Green (90%)

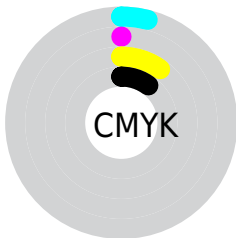
Blue (81%)



Red (81%)

Yellow (90%)

Blue (85%)

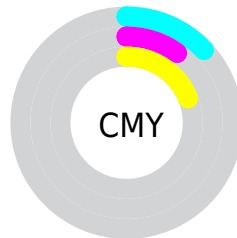


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (10%)



Cyan (13%)

Magenta (10%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3781, 76.4708, 70.1352 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 69.3781, 76.4708, 70.1352 by changing the saturation by 10% instead.

69.3781, 76.4708,
70.1352

69.3781, 76.4708,
70.1352

447.6639,
482.9578, 479.8265

51.2975, 56.8186,
51.1593

117.3526,
128.3922, 121.0845

36.6674, 40.8597,
35.9578

147.9771,
161.4302, 153.8949

25.1226, 28.2094,
24.1122

183.5136,
199.6990, 192.1539

16.2976, 18.4836,
15.2039

224.3276,
243.5829, 236.2800

9.8272, 11.2977,
8.8144

270.7842,
293.4663, 286.6918

5.3459, 6.2675,
4.5251

323.2489,

2.4884, 3.0084,

349.7337, 343.8078

1.9176

382.0870,
412.7694, 408.0465

■ 0.8894, 1.1361,
0.5039

■ 0.0000, 0.0086,
0.0000

■ 69.3781, 76.4708,
70.1352

■ 69.3781, 76.4708,
70.1352

■ 64.1010, 74.0542,
56.2635

■ 75.2161, 79.1337,
86.1746

■ 59.3586, 71.8657,
44.4615

■ 81.6275, 82.0407,
104.4641

■ 55.1318, 69.8999,
34.6311

■ 85.0635, 83.7751,
106.2946

■ 51.3977, 68.1474,
26.6643

■ 87.5884, 85.0767,
106.4128

■ 48.1313, 66.5978,
20.4429

■ 45.3051, 65.2399,
15.8347

■ 42.8879, 64.0609,
12.6891

■ 40.8430, 63.0459,
10.8269

■ 39.1092, 62.1699,
9.9387

Harmonies

Analogous

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



72.2018, 76.4708, 67.5403



69.3781, 76.4708, 70.1352



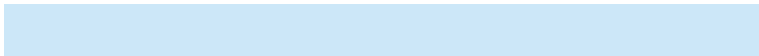
67.4813, 76.4708, 76.2510

Triad

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



69.3781, 76.4708, 70.1352



70.1914, 76.4708, 99.4839



78.7203, 76.4708, 81.8895

Complementary

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



69.3781, 76.4708, 70.1352



64.9177, 64.9398, 83.9801

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.



78.1457, 76.4708, 90.6937



69.3781, 76.4708, 70.1352



73.1668, 76.4708, 101.2555

Square

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



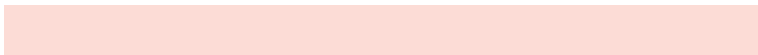
69.3781, 76.4708, 70.1352



67.9416, 76.4708, 93.2512



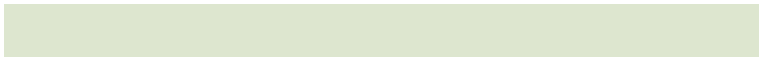
76.0916, 76.4708, 97.9361



77.6405, 76.4708, 74.0161

Rectangle

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



69.3781, 76.4708, 70.1352



66.9681, 76.4708, 81.7114



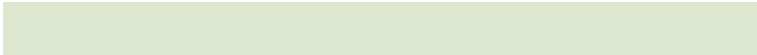
76.0916, 76.4708, 97.9361



78.7145, 76.4708, 84.8355

Sweetspot

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



69.3802, 76.4741, 70.1369



92.7495, 98.9535, 102.4906



68.4073, 70.3485, 69.0058



19.7230, 21.1213, 21.5799



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.



69.3802, 76.4741, 70.1369



86.2387, 95.9822, 84.7869



66.0499, 74.7573, 69.9810



15.0269, 16.5209, 15.3013



22.2813, 35.2679, 5.6330



1.7500, 2.6595, 0.4211

Inverse Universe

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



64.9177, 64.9398, 83.9801



79.5309, 78.6442, 105.5959



68.3771, 66.7232, 84.1420



14.1138, 14.1609, 18.1338



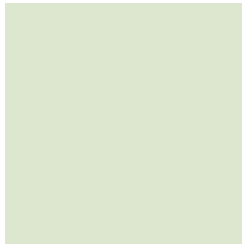
10.6026, 4.5318, 42.6991



0.8853, 0.3874, 3.1601

Previews

White Background



This preview shows how the XYZ color 69.3781, 76.4708, 70.1352 looks on a white background.

Color Contrast Check

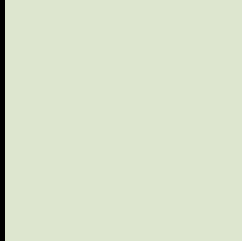
Large Text (above 18pt) WCAG AA × Fail

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 69.3781, 76.4708, 70.1352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

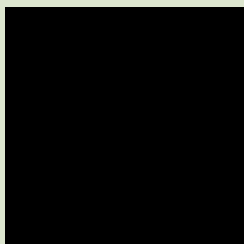
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

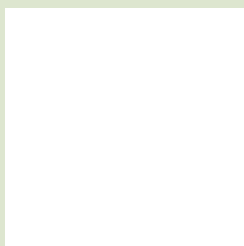
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3781, 76.4708, 70.1352

Background



This preview shows how black text looks on a background with the XYZ color 69.3781, 76.4708, 70.1352.

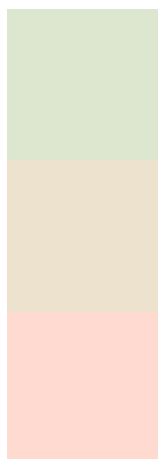


This preview shows how white text looks on a background with the XYZ color 69.3781, 76.4708,

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

69.3781, 76.4708, 70.1352

Protanopia

72.8079, 76.6334, 68.7119

Deuteranopia

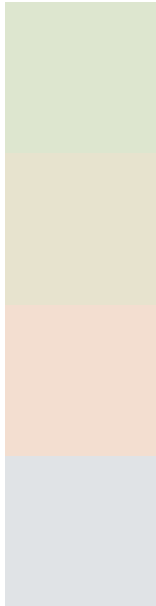
77.8200, 76.0063, 70.8907



Tritanopia

74.4669, 76.4902, 95.6333

Trichromacy



Original Color

69.3781, 76.4708, 70.1352

Protanomaly

71.5647, 76.3833, 69.3641

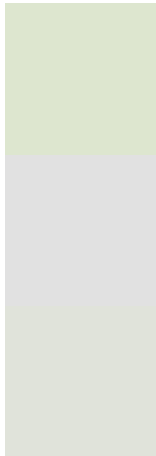
Deuteranomaly

74.4686, 75.8513, 70.3904

Tritanomaly

72.4925, 76.4986, 85.8079

Monochromacy



Original Color

69.3781, 76.4708, 70.1352

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.8644, 75.8474, 77.2347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3781, 76.4708, 70.1352 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(221, 230, 207) looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 207)  
}
```

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(221, 230, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.3781, 76.4708, 70.1352 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(221, 230, 207) }
```


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

```
.border{ border-color:rgb(221, 230, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 230, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3781, 76.4708, 70.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 207) }
```

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

```
.background{ background-color: rgb(221,  
230, 207) }
```

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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