

Converting Colors

XYZ(67.8971, 70.9454, 74.4012)

Have a look what the booklet for
XYZ(67.8971, 70.9454, 74.4012)
contains.

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Color

**XYZ(67.7686, 70.7371,
74.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDAD7
RGB	223, 218, 215
RGB Percent	87%, 85%, 84%
CMY	0.1255, 0.1451, 0.1569
CMYK	0.00, 0.02, 0.04, 0.13
HSL	23°, 11%, 86%
HSV	23°, 4%, 87%
XYZ	67.7686, 70.7371, 74.3718
YIQ	219.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

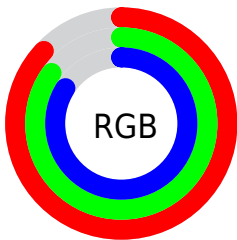
Format	Color
R _Y B	223, 220, 215
Decimal	14670551
CIE Lab	87.36, 1.18, 2.07
CIE LCh	87, 2.379, 60.301
Yxy	70.7371, 0.3183, 0.3323
Android (android.graphics.Color)	4292860631 (0xFFDFDAD7)
YUV	219.1530, -2.0474, 3.3738
Hunter-Lab	84.1054, -3.3565, 6.4454

Details

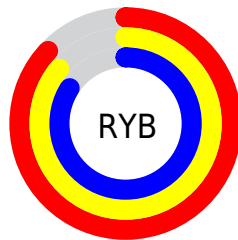
The XYZ color **67.7686, 70.7371, 74.3718** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9368, 70.9602, 79.9818**, and the grayscale version is **67.4517, 70.9644, 77.2802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5908, 37.0573, 38.5346** is the 20% darker color. If you saturate the color by 10%, you get **61.6358, 62.7483, 59.1407**, and if you desaturate by 10%, it is **74.5995, 79.4953, 91.7643**.

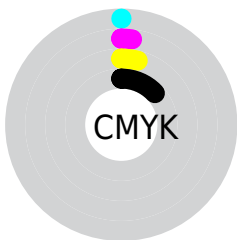
Distribution



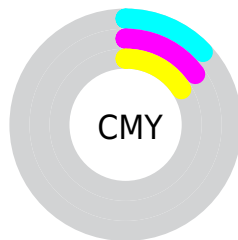
- Red (87%)
- Green (85%)
- Blue (84%)



- Red (87%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7686, 70.7371, 74.3718 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 67.7686, 70.7371, 74.3718 by changing the saturation by 10% instead.

■ 67.7686, 70.7371,
74.3718

■ 67.7686, 70.7371,
74.3718

442.0653,
463.1339, 494.9533

■ 49.9825, 52.1277,
54.5998

115.0648,
120.2593, 127.1616

■ 35.6172, 37.1069,
38.6849

145.3056,
151.9409, 161.0165

■ 24.3075, 25.2902,
26.2088

180.4286,
188.7486, 200.4027

■ 15.6878, 16.2934,
16.7527

220.7993,
231.0670, 245.7389

■ 9.3930, 9.7320,
9.8983

266.7829,
279.2803, 297.4435

■ 5.0575, 5.2216,
5.2268

318.7449,

■ 2.3162, 2.3779,

333.7729, 355.9350

2.3199

377.0506,
394.9293, 421.6321

■ 0.8029, 0.8145,
0.7423

■ 0.0000, 0.0000,
0.0000

■ 67.7686, 70.7371,
74.3718

■ 67.7686, 70.7371,
74.3718

■ 61.6358, 62.7483,
59.1407

■ 74.5995, 79.4953,
91.7643

■ 56.1720, 55.4984,
45.9812

■ 81.3947, 88.7339,
107.4451

■ 51.3547, 48.9686,
34.8041

■ 84.2419, 94.4282,
108.3942

■ 47.1579, 43.1354,
25.5119

■ 43.5536, 37.9742,
17.9984

■ 40.5113, 33.4588,
12.1471

■ 37.9977, 29.5609,
7.8273

■ 35.9748, 26.2497,
4.8882

■ 34.3982, 23.4907,
3.1474

Harmonies

Analogous

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



68.1678, 70.7371, 75.4746



67.7686, 70.7371, 74.3718



67.2278, 70.7371, 73.9766

Triad

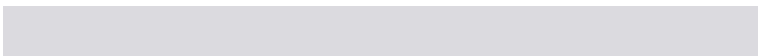
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7686, 70.7371, 74.3718



66.1620, 70.7371, 77.0369



67.7785, 70.7371, 79.7151

Complementary

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



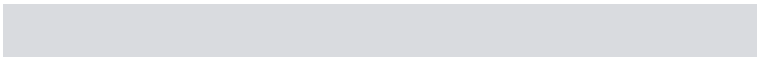
67.7686, 70.7371, 74.3718



66.9368, 70.9602, 79.9818

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.



67.2392, 70.7371, 80.1471



67.7686, 70.7371, 74.3718



66.3077, 70.7371, 78.5878

Square

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



67.7686, 70.7371, 74.3718



66.3021, 70.7371, 75.5023



66.7012, 70.7371, 79.7317



68.1736, 70.7371, 78.5593

Rectangle

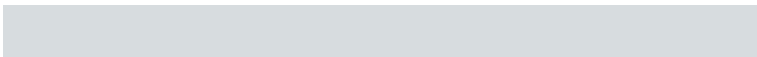
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



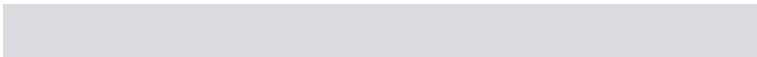
67.7686, 70.7371, 74.3718



66.8604, 70.7371, 74.1633



66.7012, 70.7371, 79.7317



67.6079, 70.7371, 79.9505

Sweetspot

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



67.7706, 70.7402, 74.3733



94.1362, 98.8250, 106.5834



67.6600, 69.4608, 77.5987



20.1587, 21.1650, 22.8377



0.0000, 0.0000, 0.0000



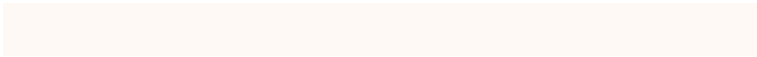
20.3446, 21.4041, 23.3091

Same Dimension

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



67.7706, 70.7402, 74.3733



91.4523, 95.3632, 99.8131



68.8017, 72.8025, 74.7170



14.7762, 15.3834, 15.9876



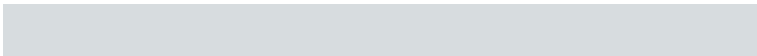
19.8453, 13.1285, 1.4881



1.4597, 1.0783, 0.1312

Inverse Universe

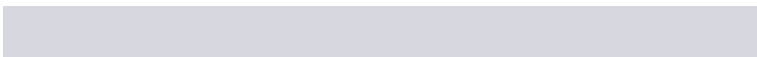
The Inverse Universe completely reimagines the original color for something new.



66.9368, 70.9602, 79.9818



90.1868, 95.6972, 108.3258



65.9176, 68.9218, 79.6420



14.5360, 15.4468, 17.6031



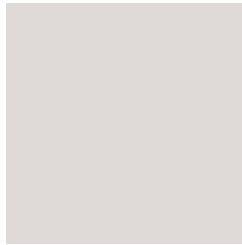
13.3948, 14.2592, 43.0947



1.0137, 1.1588, 3.0155

Previews

White Background



This preview shows how the XYZ color 67.7686, 70.7371, 74.3718 looks on a white background.

Color Contrast Check

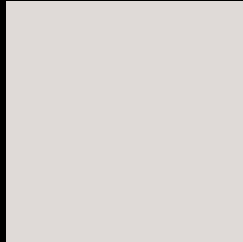
Large Text (above 18pt) WCAG AA × Fail

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 67.7686, 70.7371, 74.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

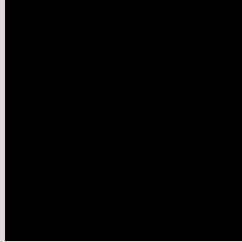
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

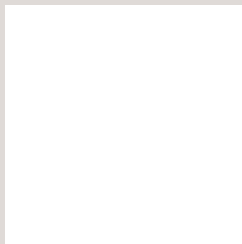
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7686, 70.7371, 74.3718

Background



This preview shows how black text looks on a background with the XYZ color 67.7686, 70.7371, 74.3718.

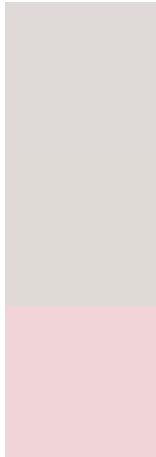


This preview shows how white text looks on a background with the XYZ color 67.7686, 70.7371, 74.3718.

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

67.7686, 70.7371, 74.3718

Protanopia

68.0776, 70.8964, 74.3863

Deuteranopia

72.2138, 70.7456, 74.8149



Tritanopia

70.2300, 70.5958, 86.2688

Trichromacy



Original Color

67.7686, 70.7371, 74.3718

Protanomaly

68.0776, 70.8964, 74.3863

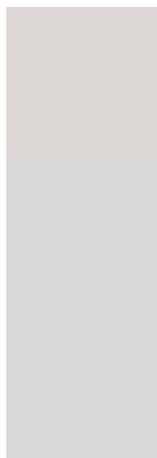
Deuteranomaly

70.3729, 70.5434, 74.8729

Tritanomaly

69.3347, 70.6103, 81.9263

Monochromacy



Original Color

67.7686, 70.7371, 74.3718

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.5016, 70.9406, 76.4649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7686, 70.7371, 74.3718 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, 218, 215) looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 215)  
}
```

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, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 215) }
```

Border

The CSS property to change the border of an element to XYZ 67.7686, 70.7371, 74.3718 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, 218, 215) }
```


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

```
.border{ border-color:rgb(223, 218, 215) }
```

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

Here you see how a box with a 4 pixel rgb(223, 218, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7686, 70.7371, 74.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 215) }
```

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

```
.background{ background-color: rgb(223,  
218, 215) }
```

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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