

Converting Colors

XYZ(67.1992, 70.5327, 70.7892)

Have a look what the booklet for
XYZ(67.1992, 70.5327, 70.7892)
contains.

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Color

**XYZ(67.1357, 70.4839,
71.0391)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDAD2
RGB	223, 218, 210
RGB Percent	87%, 85%, 82%
CMY	0.1255, 0.1451, 0.1765
CMYK	0.00, 0.02, 0.06, 0.13
HSL	37°, 17%, 85%
HSV	37°, 6%, 87%
XYZ	67.1357, 70.4839, 71.0391
YIQ	218.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

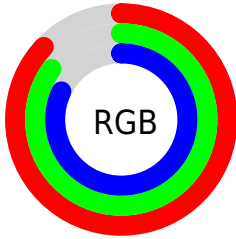
Format	Color
R _Y B	218, 223, 210
Decimal	14670546
CIE Lab	87.23, 0.32, 4.53
CIE LCh	87, 4.536, 86.004
Yxy	70.4839, 0.3217, 0.3378
Android (android.graphics.Color)	4292860626 (0xFFDFDAD2)
YUV	218.5830, -4.2314, 3.8737
Hunter-Lab	83.9547, -4.1804, 8.5995

Details

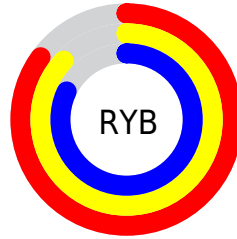
The XYZ color **67.1357, 70.4839, 71.0391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1981, 67.6293, 79.4831**, and the grayscale version is **67.0705, 70.5633, 76.8435**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2464, 36.9195, 36.7210** is the 20% darker color. If you saturate the color by 10%, you get **62.3841, 65.1209, 56.6900**, and if you desaturate by 10%, it is **72.3934, 76.2378, 87.4687**.

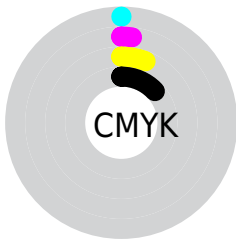
Distribution



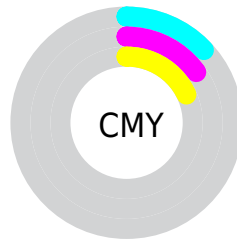
- Red (87%)
- Green (85%)
- Blue (82%)



- Red (85%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1357, 70.4839, 71.0391 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 67.1357, 70.4839, 71.0391 by changing the saturation by 10% instead.

67.1357, 70.4839,
71.0391

67.1357, 70.4839,
71.0391

439.8525,
462.2472, 483.0774

49.4660, 51.9211,
51.8921

114.1636,
119.8986, 122.3844

35.2054, 36.9422,
36.5374

144.2524,
151.5193, 155.4197

23.9884, 25.1628,
24.5566

179.2118,
188.2614, 193.9215

15.4497, 16.1984,
15.5310

219.4069,
230.5093, 238.3085

9.2239, 9.6646,
9.0421

265.2032,
278.6475, 288.9990

4.9458, 5.1772,
4.6715

316.9660,

2.2499, 2.3516,

333.0603, 346.4116

2.0005

375.0606,
394.1321, 410.9649

■ 0.7689, 0.8008,
0.5556

■ 0.0000, 0.0000,
0.0000

■ 67.1357, 70.4839,
71.0391

■ 67.1357, 70.4839,
71.0391

■ 62.3841, 65.1209,
56.6900

■ 72.3934, 76.2378,
87.4687

■ 58.1151, 60.1297,
44.3323

■ 78.1679, 82.3828,
106.0536

■ 54.3118, 55.5032,
33.8775

■ 80.7472, 87.4388,
107.2293

■ 50.9541, 51.2303,
25.2281

■ 83.3822, 92.7090,
108.1077

■ 48.0201, 47.2994,
18.2784

■ 84.2418, 94.4282,
108.3942

■ 45.4859, 43.6979,
12.9113

■ 43.3245, 40.4119,
8.9946

■ 41.5048, 37.4257,
6.3745

■ 39.9889, 34.7208,
4.8612

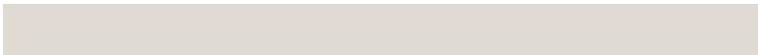
Harmonies

Analogous

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



68.1449, 70.4839, 71.9823



67.1357, 70.4839, 71.0391



66.0986, 70.4839, 71.5912

Triad

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



67.1357, 70.4839, 71.0391



65.1682, 70.4839, 79.3465



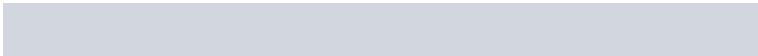
68.7059, 70.4839, 80.0728

Complementary

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



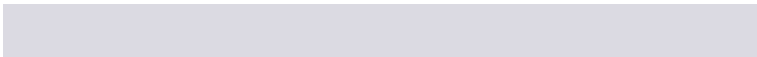
67.1357, 70.4839, 71.0391



64.1981, 67.6293, 79.4831

Split Complementary

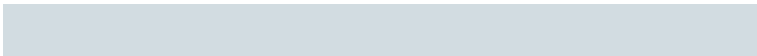
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.8951, 70.4839, 82.1404



67.1357, 70.4839, 71.0391



65.8538, 70.4839, 81.7133

Square

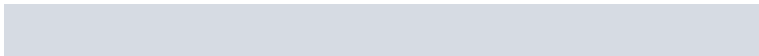
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1357, 70.4839, 71.0391



64.9697, 70.4839, 76.3368



66.8502, 70.4839, 82.7485



69.0575, 70.4839, 77.1546

Rectangle

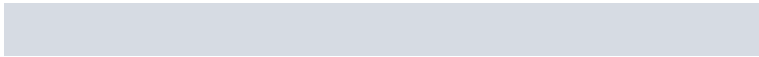
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1357, 70.4839, 71.0391



65.5297, 70.4839, 72.7410



66.8502, 70.4839, 82.7485



68.4776, 70.4839, 80.8933

Sweetspot

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



67.1377, 70.4870, 71.0406



93.6175, 98.4317, 104.4253



65.7705, 66.6988, 73.8335



20.0531, 21.0850, 22.3982



0.0000, 0.0000, 0.0000



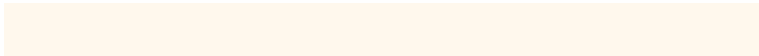
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1377, 70.4870, 71.0406



90.1584, 94.6041, 93.7443



68.0539, 72.9117, 71.4604



14.6091, 15.3258, 15.0792



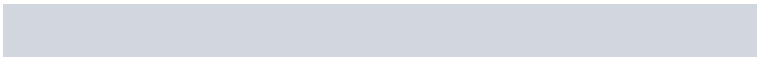
23.2906, 20.0191, 2.6365



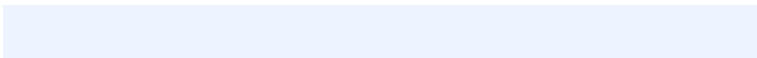
1.7002, 1.5593, 0.2114

Inverse Universe

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



64.1981, 67.6293, 79.4831



85.3789, 89.9578, 107.4714



63.3169, 65.3152, 79.0829



13.7788, 14.5186, 17.4638



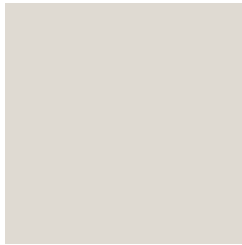
9.8758, 7.2211, 41.9217



0.7693, 0.6701, 2.9340

Previews

White Background



This preview shows how the XYZ color 67.1357, 70.4839, 71.0391 looks on a white background.

Color Contrast Check

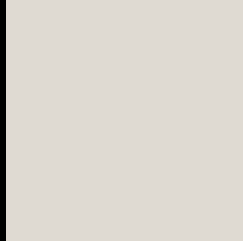
Large Text (above 18pt) WCAG AA × Fail

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 67.1357, 70.4839, 71.0391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

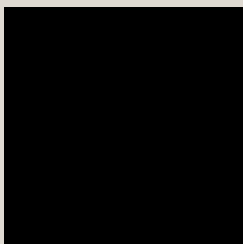
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

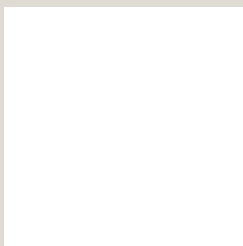
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1357, 70.4839, 71.0391

Background



This preview shows how black text looks on a background with the XYZ color 67.1357, 70.4839, 71.0391.

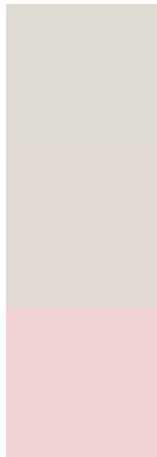


This preview shows how white text looks on a background with the XYZ color 67.1357, 70.4839, 71.0391.

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

67.1357, 70.4839, 71.0391

Protanopia

67.4447, 70.6432, 71.0536

Deuteranopia

71.6701, 70.1689, 71.3946



Tritanopia

70.2300, 70.5958, 86.2688

Trichromacy



Original Color

67.1357, 70.4839, 71.0391

Protanomaly

67.4447, 70.6432, 71.0536

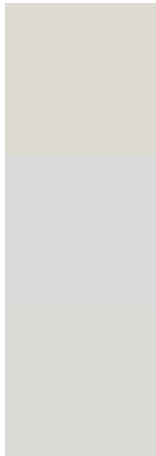
Deuteranomaly

70.0654, 70.4585, 71.5350

Tritanomaly

69.0617, 70.5011, 80.4891

Monochromacy



Original Color

67.1357, 70.4839, 71.0391

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.2414, 70.8365, 75.0946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1357, 70.4839, 71.0391 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, 210) looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 210) }
```

Border

The CSS property to change the border of an element to XYZ 67.1357, 70.4839, 71.0391 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, 210) }
```


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

```
.border{ border-color:rgb(223, 218, 210) }
```

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, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 210);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1357, 70.4839, 71.0391 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, 210) }
```

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

```
.background{ background-color: rgb(223,  
218, 210) }
```

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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