

Converting Colors

XYZ(66.9782, 69.9286, 71.7281)

Have a look what the booklet for
XYZ(66.9782, 69.9286, 71.7281)
contains.

XYZ(67.0022, 70.0168, 71.6112)	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(67.0022, 70.0168,
71.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD9D3
RGB	223, 217, 211
RGB Percent	87%, 85%, 83%
CMY	0.1255, 0.1490, 0.1725
CMYK	0.00, 0.03, 0.05, 0.13
HSL	30°, 16%, 85%
HSV	30°, 5%, 87%
XYZ	67.0022, 70.0168, 71.6112
YIQ	218.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

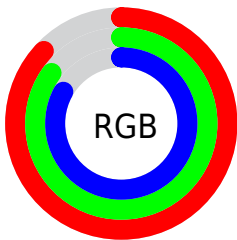
Format	Color
R _Y B	223, 223, 211
Decimal	14670291
CIE Lab	87.01, 1.01, 3.67
CIE LCh	87, 3.802, 74.660
Yxy	70.0168, 0.3212, 0.3356
Android (android.graphics.Color)	4292860371 (0xFFDFD9D3)
YUV	218.1100, -3.5052, 4.2885
Hunter-Lab	83.6760, -3.5022, 7.8320

Details

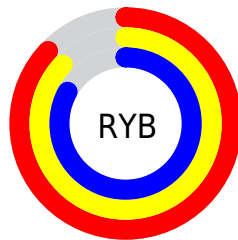
The XYZ color **67.0022, 70.0168, 71.6112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9962, 68.8015, 79.6674**, and the grayscale version is **66.7388, 70.2144, 76.4635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1546, 36.5998, 37.1099** is the 20% darker color. If you saturate the color by 10%, you get **61.6229, 63.4256, 56.9688**, and if you desaturate by 10%, it is **72.9673, 77.1572, 88.3640**.

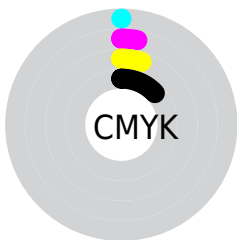
Distribution



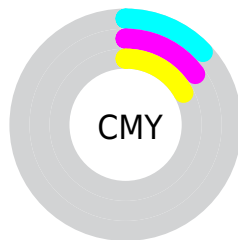
- Red (87%)
- Green (85%)
- Blue (83%)



- Red (87%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0022, 70.0168, 71.6112 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 67.0022, 70.0168, 71.6112 by changing the saturation by 10% instead.

■ 67.0022, 70.0168,
71.6112

■ 67.0022, 70.0168,
71.6112

439.3850,
460.6090, 485.1283

■ 49.3571, 51.5402,
52.3562

113.9733,
119.2327, 123.2062

■ 35.1186, 36.6387,
36.9049

144.0301,
150.7408, 156.3833

■ 23.9212, 24.9279,
24.8387

178.9548,
187.3616, 195.0381

■ 15.3996, 16.0233,
15.7390

219.1128,
229.4794, 239.5894

■ 9.1884, 9.5407,
9.1873

264.8695,
277.4787, 290.4554

■ 4.9224, 5.0955,
4.7651

316.5902,

■ 2.2361, 2.3034,

331.7438, 348.0549

2.0538

374.6402,
392.6591, 412.8064

■ 0.7617, 0.7755,
0.5880

■ 0.0000, 0.0000,
0.0000

■ 67.0022, 70.0168,
71.6112

■ 67.0022, 70.0168,
71.6112

■ 61.6229, 63.4256,
56.9688

■ 72.9673, 77.1572,
88.3640

■ 56.8039, 57.3605,
44.3475

■ 79.4338, 84.8121,
106.7915

■ 52.5261, 51.8099,
33.6580

■ 82.8028, 91.5499,
107.9145

■ 48.7674, 46.7584,
24.8027

■ 84.2419, 94.4282,
108.3942

■ 45.5035, 42.1897,
17.6754

■ 42.7082, 38.0862,
12.1588

■ 40.3521, 34.4292,
8.1206

■ 38.4017, 31.1976,
5.4074

■ 36.8166, 28.3674,
3.8308

Harmonies

Analogous

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



67.7724, 70.0168, 72.8462



67.0022, 70.0168, 71.6112



66.1171, 70.0168, 71.5968

Triad

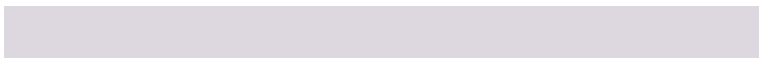
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0022, 70.0168, 71.6112



64.9085, 70.0168, 77.4823



67.7579, 70.0168, 79.7725

Complementary

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



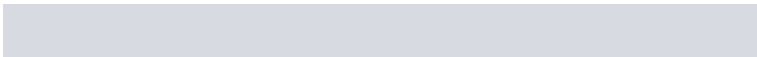
67.0022, 70.0168, 71.6112



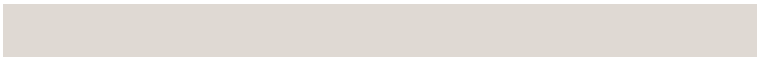
64.9962, 68.8015, 79.6674

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.



66.9825, 70.0168, 81.0723



67.0022, 70.0168, 71.6112



65.3402, 70.0168, 79.7301

Square

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



67.0022, 70.0168, 71.6112



64.9137, 70.0168, 74.9483



66.0976, 70.0168, 81.0566



68.2113, 70.0168, 77.5391

Rectangle

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



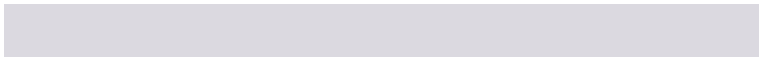
67.0022, 70.0168, 71.6112



65.5813, 70.0168, 72.2793



66.0976, 70.0168, 81.0566



67.5259, 70.0168, 80.3353

Sweetspot

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



67.0042, 70.0198, 71.6127



93.4320, 98.0606, 104.3635



66.2511, 67.2873, 75.1426



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



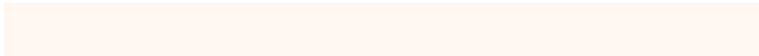
20.3446, 21.4041, 23.3091

Same Dimension

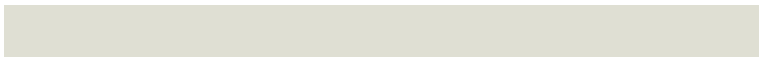
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0042, 70.0198, 71.6127



90.2930, 94.2722, 95.6420



68.5780, 73.1676, 72.1373



14.6155, 15.2477, 15.3618



21.3853, 16.2086, 2.0014



1.5719, 1.3026, 0.1686

Inverse Universe

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



64.9962, 68.8015, 79.6674



87.2499, 92.4257, 107.8491



63.4785, 65.7662, 79.1616



14.0761, 14.9204, 17.5257



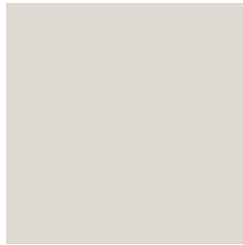
11.3147, 10.0990, 42.4013



0.8738, 0.8791, 2.9689

Previews

White Background



This preview shows how the XYZ color 67.0022, 70.0168, 71.6112 looks on a white background.

Color Contrast Check

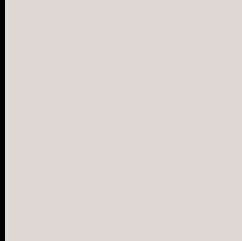
Large Text (above 18pt) WCAG AA × Fail

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 67.0022, 70.0168, 71.6112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

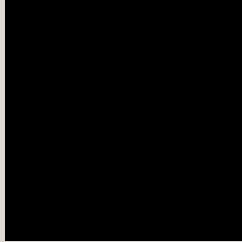
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

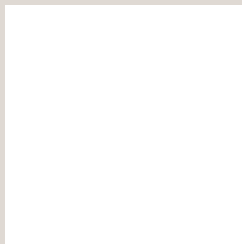
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0022, 70.0168, 71.6112

Background



This preview shows how black text looks on a background with the XYZ color 67.0022, 70.0168, 71.6112.

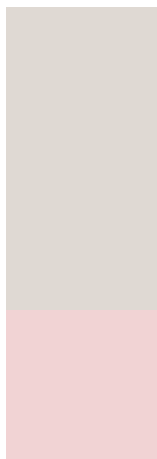


This preview shows how white text looks on a background with the XYZ color 67.0022, 70.0168,

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

67.0022, 70.0168, 71.6112

Protanopia

67.0022, 70.0168, 71.6112

Deuteranopia

71.4536, 70.0428, 72.0410



Tritanopia

69.8344, 70.0314, 85.4380

Trichromacy



Original Color

67.0022, 70.0168, 71.6112

Protanomaly

67.0022, 70.0168, 71.6112

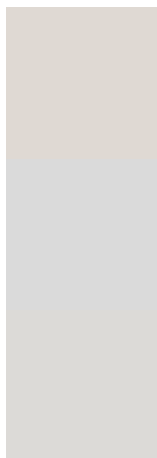
Deuteranomaly

69.6096, 69.8344, 72.0979

Tritanomaly

68.8063, 69.9902, 80.4040

Monochromacy



Original Color

67.0022, 70.0168, 71.6112

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8523, 70.2647, 74.3289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0022, 70.0168, 71.6112 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, 217, 211) looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 211)  
}
```

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, 217, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.0022, 70.0168, 71.6112 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, 217, 211) }
```


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

```
.border{ border-color:rgb(223, 217, 211) }
```

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

Here you see how a box with a 4 pixel rgb(223, 217, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 217,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0022, 70.0168, 71.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 211) }
```

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

```
.background{ background-color: rgb(223,  
217, 211) }
```

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