

Converting Colors

XYZ(69.2303, 70.7642, 69.8606)

Have a look what the booklet for
XYZ(69.2303, 70.7642, 69.8606)
contains.

XYZ(69.2197, 70.8216, 69.6962)	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(69.2197, 70.8216,
69.6962)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D8D0
RGB	232, 216, 208
RGB Percent	91%, 85%, 82%
CMY	0.0902, 0.1529, 0.1843
CMYK	0.00, 0.07, 0.10, 0.09
HSL	20°, 34%, 86%
HSV	20°, 10%, 91%
XYZ	69.2197, 70.8216, 69.6962
YIQ	219.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

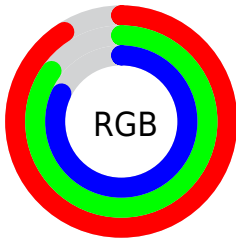
Format	Color
R _Y B	232, 220, 208
Decimal	15259856
CIE Lab	87.40, 4.17, 5.91
CIE LCh	87, 7.231, 54.807
Yxy	70.8216, 0.3300, 0.3377
Android (android.graphics.Color)	4293449936 (0xFFE8D8D0)
YUV	219.8720, -5.8529, 10.6363
Hunter-Lab	84.1556, -0.4523, 9.8059

Details

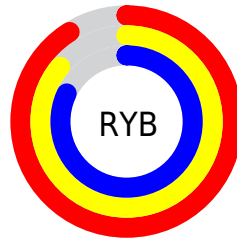
The XYZ color **69.2197, 70.8216, 69.6962** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2333, 72.5460, 86.8037**, and the grayscale version is **67.9735, 71.5134, 77.8781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4821, 37.0529, 35.8010** is the 20% darker color. If you saturate the color by 10%, you get **62.7953, 62.2109, 54.4874**, and if you desaturate by 10%, it is **76.4384, 80.3512, 87.2313**.

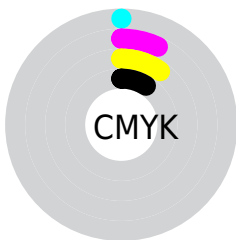
Distribution



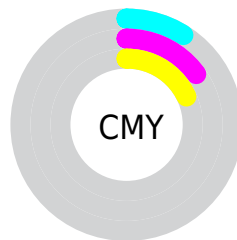
- Red (91%)
- Green (85%)
- Blue (82%)



- Red (91%)
- Yellow (86%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2197, 70.8216, 69.6962 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 69.2197, 70.8216, 69.6962 by changing the saturation by 10% instead.

69.2197, 70.8216,
69.6962

69.2197, 70.8216,
69.6962

447.1147,
463.4296, 478.2429

51.1679, 52.1966,
50.8036

117.1277,
120.3797, 120.4525

36.5639, 37.1618,
35.6767

147.7146,
152.0816, 153.1532

25.0421, 25.3328,
23.8969

183.2106,
188.9112, 191.2938

16.2373, 16.3252,
15.0457

223.9811,
231.2530, 235.2928

9.7842, 9.7546,
8.7045

270.3914,
279.4913, 285.5686

5.3173, 5.2365,
4.4548

322.8069,

2.4712, 2.3867,

334.0106, 342.5399

1.8780

381.5929,
395.1952, 406.6251

■ 0.8808, 0.8190,
0.4787

■ 0.0000, 0.0000,
0.0000

■ 69.2197, 70.8216,
69.6962

■ 69.2197, 70.8216,
69.6962

■ 62.7953, 62.2109,
54.4874

■ 76.4384, 80.3512,
87.2313

■ 57.1310, 54.4821,
41.5019

■ 84.4724, 90.8167,
107.1808

■ 52.1988, 47.6090,
30.6357

■ 87.0890, 95.8959,
108.5274

■ 47.9664, 41.5609,
21.7744

■ 44.3990, 36.3051,
14.7930

■ 41.4586, 31.8063,
9.5520

■ 39.1024, 28.0263,
5.8924

■ 37.2813, 24.9227,
3.6251

■ 35.9592, 22.5164,
2.4508

Harmonies

Analogous

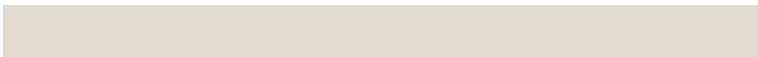
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3317, 70.8216, 73.2426



69.2197, 70.8216, 69.6962



67.6108, 70.8216, 68.1407

Triad

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



69.2197, 70.8216, 69.6962



64.1035, 70.8216, 76.2666



68.6978, 70.8216, 85.9471

Complementary

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



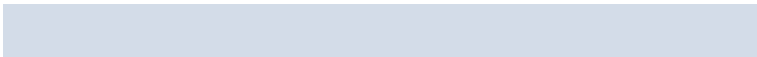
69.2197, 70.8216, 69.6962



67.2333, 72.5460, 86.8037

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.



67.0177, 70.8216, 86.8396



69.2197, 70.8216, 69.6962



64.3835, 70.8216, 81.1168

Square

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



69.2197, 70.8216, 69.6962



64.6718, 70.8216, 71.8305



65.4432, 70.8216, 85.0375



70.0268, 70.8216, 82.6477

Rectangle

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



69.2197, 70.8216, 69.6962



66.4800, 70.8216, 68.3925



65.4432, 70.8216, 85.0375



68.1546, 70.8216, 86.5443

Sweetspot

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



69.2217, 70.8247, 69.6977



92.2375, 96.3070, 102.0068



69.2899, 67.6504, 79.9276



19.5851, 20.4062, 21.4491



0.0000, 0.0000, 0.0000



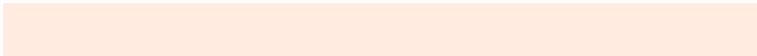
20.3446, 21.4041, 23.3091

Same Dimension

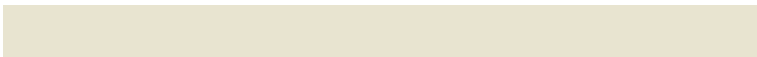
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2217, 70.8247, 69.6977



84.3444, 85.8546, 82.9319



72.4080, 77.1974, 70.7598



14.7678, 15.1494, 15.0502



20.0665, 12.7071, 1.3951



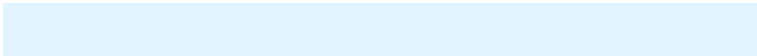
1.5658, 1.1050, 0.1308

Inverse Universe

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



67.2333, 72.5460, 86.8037



81.5049, 88.3118, 107.3579



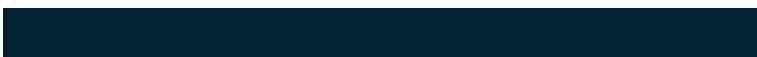
64.1223, 66.3241, 85.7668



14.3813, 15.4840, 18.3751



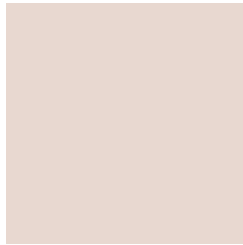
14.6792, 16.4205, 44.7790



1.1693, 1.3825, 3.3372

Previews

White Background



This preview shows how the XYZ color 69.2197, 70.8216, 69.6962 looks on a white background.

Color Contrast Check

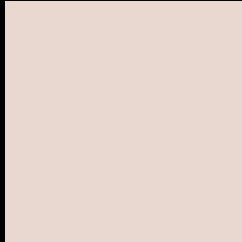
Large Text (above 18pt) WCAG AA × Fail

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 69.2197, 70.8216, 69.6962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

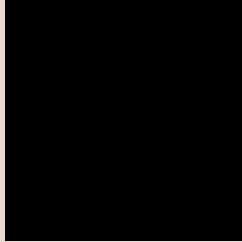
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2197, 70.8216, 69.6962

Background



This preview shows how black text looks on a background with the XYZ color 69.2197, 70.8216, 69.6962.

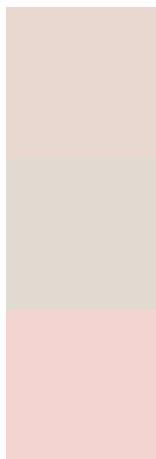


This preview shows how white text looks on a background with the XYZ color 69.2197, 70.8216,

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

69.2197, 70.8216, 69.6962

Protanopia

67.6314, 70.7538, 70.4139

Deuteranopia

72.3603, 70.9235, 70.1974



Tritanopia

72.1981, 70.9078, 84.0101

Trichromacy



Original Color

69.2197, 70.8216, 69.6962

Protanomaly

68.3164, 70.7231, 70.3719

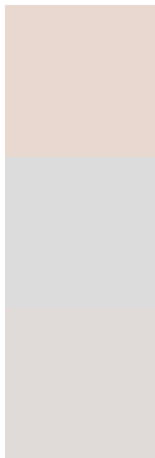
Deuteranomaly

71.2381, 70.7172, 70.2167

Tritanomaly

71.0294, 70.8060, 78.3299

Monochromacy



Original Color

69.2197, 70.8216, 69.6962

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.4667, 71.4682, 75.1519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2197, 70.8216, 69.6962 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(232, 216, 208) looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 208)  
}
```

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(232, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 208) }
```

Border

The CSS property to change the border of an element to XYZ 69.2197, 70.8216, 69.6962 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(232, 216, 208) }
```


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

```
.border{ border-color:rgb(232, 216, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2197, 70.8216, 69.6962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 208) }
```

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

```
.background{ background-color: rgb(232,  
216, 208) }
```

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