

Converting Colors

XYZ(70.0383, 72.2931, 70.4533)

Have a look what the booklet for
XYZ(70.0383, 72.2931, 70.4533)
contains.

XYZ(70.1189, 72.4223, 70.6048)	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(70.1189, 72.4223,
70.6048)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DBD1
RGB	232, 219, 209
RGB Percent	91%, 86%, 82%
CMY	0.0902, 0.1412, 0.1804
CMYK	0.00, 0.06, 0.10, 0.09
HSL	26°, 33%, 86%
HSV	26°, 10%, 91%
XYZ	70.1189, 72.4223, 70.6048
YIQ	221.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

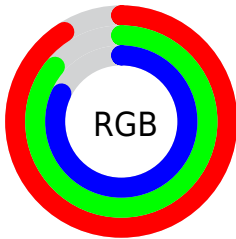
Format	Color
R _Y B	232, 227, 209
Decimal	15260625
CIE Lab	88.17, 2.77, 6.50
CIE LCh	88, 7.064, 66.877
Yxy	72.4223, 0.3290, 0.3398
Android (android.graphics.Color)	4293450705 (0xFFE8DBD1)
YUV	221.7470, -6.2843, 8.9919
Hunter-Lab	85.1013, -1.8528, 10.3806

Details

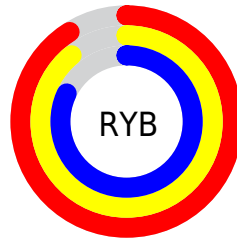
The XYZ color **70.1189, 72.4223, 70.6048** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9811, 71.6229, 86.6392**, and the grayscale version is **69.2919, 72.9005, 79.3886**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0964, 38.1476, 36.4184** is the 20% darker color. If you saturate the color by 10%, you get **64.1674, 64.7856, 55.4667**, and if you desaturate by 10%, it is **76.7621, 80.7714, 88.0388**.

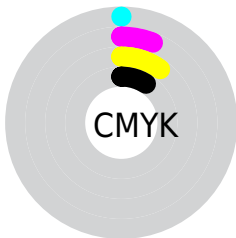
Distribution



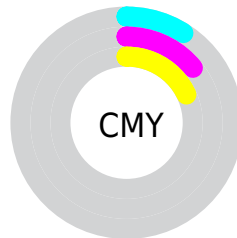
- Red (91%)
- Green (86%)
- Blue (82%)



- Red (91%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1189, 72.4223, 70.6048 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 70.1189, 72.4223, 70.6048 by changing the saturation by 10% instead.

70.1189, 72.4223,
70.6048

70.1189, 72.4223,
70.6048

450.2273,
469.0101, 481.5171

51.9034, 53.5037,
51.5399

118.4036,
122.6567, 121.7600

37.1521, 38.2050,
36.2588

149.2036,
154.7414, 154.6874

25.4995, 26.1419,
24.3428

184.9291,
191.9835, 193.0728

16.5803, 16.9298,
15.3736

225.9455,
234.7675, 237.3346

10.0291, 10.1845,
8.9325

272.6182,
283.4778, 287.8913

5.4807, 5.5214,
4.6009

325.3125,

2.5696, 2.5563,

338.4987, 345.1617

1.9605

384.3937,
400.2147, 409.5641

■ 0.9305, 0.9048,
0.5308

■ 0.0000, 0.0000,
0.0000

■ 70.1189, 72.4223,
70.6048

■ 70.1189, 72.4223,
70.6048

■ 64.1674, 64.7856,
55.4667

■ 76.7621, 80.7714,
88.0388

■ 58.8774, 57.8322,
42.5229

■ 84.0491, 89.8161,
107.5141

■ 54.2252, 51.5448,
31.6712

■ 87.0891, 95.8960,
108.5274

■ 50.1833, 45.9018,
22.7994

■ 46.7218, 40.8800,
15.7843

■ 43.8079, 36.4549,
10.4890

■ 41.4050, 32.5997,
6.7574

■ 39.4703, 29.2844,
4.4040

■ 37.9364, 26.4687,
3.1153

Harmonies

Analogous

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



71.4668, 72.4223, 73.4030



70.1189, 72.4223, 70.6048



68.4470, 72.4223, 69.9745

Triad

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



70.1189, 72.4223, 70.6048



65.6600, 72.4223, 79.9749



70.8032, 72.4223, 86.5347

Complementary

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



70.1189, 72.4223, 70.6048



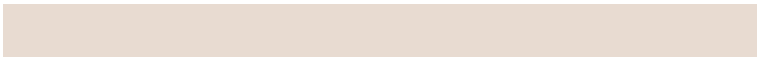
66.9811, 71.6229, 86.6392

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.



69.2249, 72.4223, 88.4580



70.1189, 72.4223, 70.6048



66.2691, 72.4223, 84.5717

Square

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



70.1189, 72.4223, 70.6048



65.8905, 72.4223, 75.2580



67.5673, 72.4223, 87.7253



71.8663, 72.4223, 82.5660

Rectangle

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



70.1189, 72.4223, 70.6048



67.3770, 72.4223, 70.8443



67.5673, 72.4223, 87.7253



70.3143, 72.4223, 87.4491

Sweetspot

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



70.1209, 72.4255, 70.6064



92.4791, 96.7901, 102.0873



69.2694, 68.0335, 78.6125



19.6501, 20.5364, 21.4708



0.0000, 0.0000, 0.0000



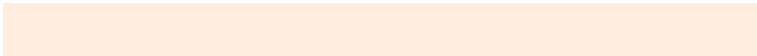
20.3446, 21.4041, 23.3091

Same Dimension

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



70.1209, 72.4255, 70.6064



85.2390, 87.6438, 83.2301



73.2151, 78.6140, 71.6378



14.8901, 15.3941, 15.0910



21.1740, 14.9221, 1.7643



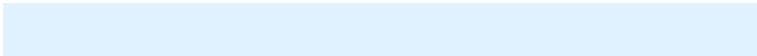
1.6557, 1.2847, 0.1607

Inverse Universe

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



66.9811, 71.6229, 86.6392



80.5746, 86.4512, 107.0478



64.0395, 65.7395, 85.6586



14.2552, 15.2318, 18.3330



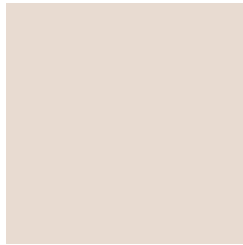
12.7262, 12.5145, 44.1280



1.0324, 1.1088, 3.2916

Previews

White Background



This preview shows how the XYZ color 70.1189, 72.4223, 70.6048 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 70.1189, 72.4223, 70.6048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

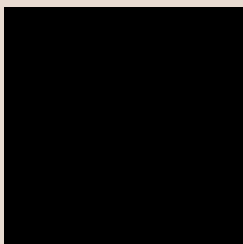
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

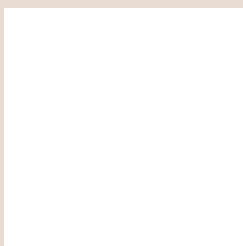
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1189, 72.4223, 70.6048

Background



This preview shows how black text looks on a background with the XYZ color 70.1189, 72.4223, 70.6048.

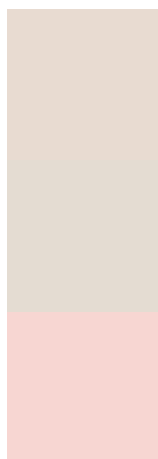


This preview shows how white text looks on a background with the XYZ color 70.1189, 72.4223,

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

70.1189, 72.4223, 70.6048

Protanopia

69.2210, 72.3335, 71.2862

Deuteranopia

74.0372, 72.5204, 71.0684



Tritanopia

73.1269, 72.0892, 86.4043

Trichromacy



Original Color

70.1189, 72.4223, 70.6048

Protanomaly

69.5392, 72.4976, 71.3011

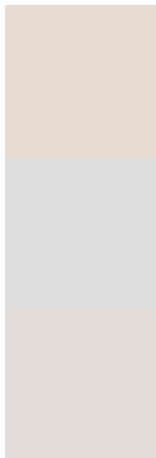
Deuteranomaly

72.8067, 72.6421, 71.1568

Tritanomaly

71.9421, 71.9860, 80.6239

Monochromacy



Original Color

70.1189, 72.4223, 70.6048

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.7449, 72.8914, 76.0391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1189, 72.4223, 70.6048 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, 219, 209) looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 209)  
}
```

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, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 209) }
```

Border

The CSS property to change the border of an element to XYZ 70.1189, 72.4223, 70.6048 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, 219, 209) }
```


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

```
.border{ border-color:rgb(232, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1189, 72.4223, 70.6048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 209) }
```

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

```
.background{ background-color: rgb(232,  
219, 209) }
```

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