

Converting Colors

XYZ(70.2540, 70.6838, 71.9425)

Have a look what the booklet for
XYZ(70.2540, 70.6838, 71.9425)
contains.

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Color

**XYZ(70.1912, 70.5088,
72.1974)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD6D4
RGB	235, 214, 212
RGB Percent	92%, 84%, 83%
CMY	0.0784, 0.1608, 0.1686
CMYK	0.00, 0.09, 0.10, 0.08
HSL	5°, 37%, 88%
HSV	5°, 10%, 92%
XYZ	70.1912, 70.5088, 72.1974
YIQ	220.0510, 13.1580, 3.8300

Conversions

Conversions Part 2

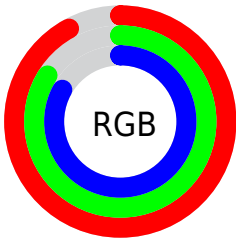
Format	Color
R _Y B	235, 214, 212
Decimal	15455956
CIE Lab	87.25, 6.92, 3.61
CIE LCh	87, 7.803, 27.543
Yxy	70.5088, 0.3297, 0.3312
Android (android.graphics.Color)	4293646036 (0xFFEBD6D4)
YUV	220.0510, -3.9691, 13.1103
Hunter-Lab	83.9695, 2.2638, 7.8008

Details

The XYZ color **70.1912, 70.5088, 72.1974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2854, 78.2715, 89.9489**, and the grayscale version is **68.0852, 71.6309, 78.0061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0743, 36.8143, 37.0501** is the 20% darker color. If you saturate the color by 10%, you get **62.3640, 59.2576, 56.0117**, and if you desaturate by 10%, it is **79.1689, 83.3688, 90.8969**.

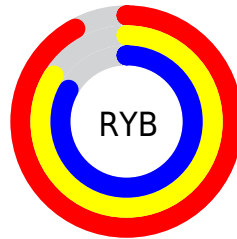
Distribution



Red (92%)

Green (84%)

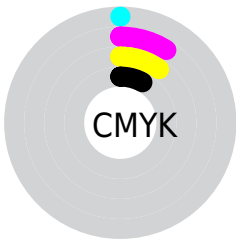
Blue (83%)



Red (92%)

Yellow (84%)

Blue (83%)

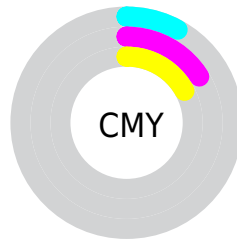


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1912, 70.5088, 72.1974 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 70.1912, 70.5088, 72.1974 by changing the saturation by 10% instead.

70.1912, 70.5088,
72.1974

70.1912, 70.5088,
72.1974

450.4770,
462.3345, 487.2244

51.9626, 51.9414,
52.8321

118.5062,
119.9341, 124.0475

37.1994, 36.9584,
37.2820

149.3232,
151.5607, 157.3693

25.5363, 25.1753,
25.1284

185.0671,
188.3093, 196.1805

16.6079, 16.2077,
15.9528

226.1033,
230.5642, 240.8995

10.0489, 9.6712,
9.3368

272.7970,
278.7097, 291.9448

5.4939, 5.1815,
4.8617

325.5136,

2.5776, 2.3542,

333.1304, 349.7350

2.1090

384.6185,
394.2105, 414.6887

■ 0.9345, 0.8022,
0.6211

■ 0.0000, 0.0000,
0.0000

■ 70.1912, 70.5088,
72.1974

■ 70.1912, 70.5088,
72.1974

■ 62.3640, 59.2576,
56.0117

■ 79.1689, 83.3688,
90.8969

■ 55.6350, 49.5431,
42.2284

■ 88.0713, 96.4024,
108.5734

■ 49.9568, 41.3012,
30.7342

■ 45.2762, 34.4601,
21.4050

■ 41.5353, 28.9417,
14.1051

■ 38.6702, 24.6604,
8.6832

■ 36.6089, 21.5204,
4.9669

■ 35.2680, 19.4119,
2.7522

■ 34.5310, 18.1974,
1.7068

Harmonies

Analogous

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



70.6007, 70.5088, 77.2058



70.1912, 70.5088, 72.1974



68.9263, 70.5088, 68.5640

Triad

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



70.1912, 70.5088, 72.1974



64.0856, 70.5088, 71.4801



66.8655, 70.5088, 87.3075

Complementary

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



70.1912, 70.5088, 72.1974



71.2854, 78.2715, 89.9489

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.



65.1423, 70.5088, 85.6104



70.1912, 70.5088, 72.1974



63.5557, 70.5088, 76.3400

Square

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



70.1912, 70.5088, 72.1974



65.3995, 70.5088, 68.1634



63.9390, 70.5088, 81.5361



68.6599, 70.5088, 86.0768

Rectangle

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



70.1912, 70.5088, 72.1974



67.7799, 70.5088, 67.3293



63.9390, 70.5088, 81.5361



66.2589, 70.5088, 87.0589

Sweetspot

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



70.1932, 70.5119, 72.1989



91.6551, 95.1421, 101.8126



72.5252, 70.6381, 86.9661



19.4284, 20.0929, 21.3969



0.0000, 0.0000, 0.0000



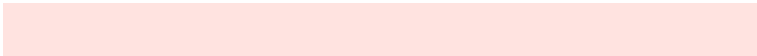
20.3446, 21.4041, 23.3091

Same Dimension

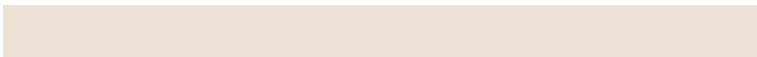
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1932, 70.5119, 72.1989



82.2362, 81.6381, 82.2292



73.1835, 76.4926, 73.1957



15.1710, 15.2650, 15.6656



19.2498, 10.1938, 0.9530



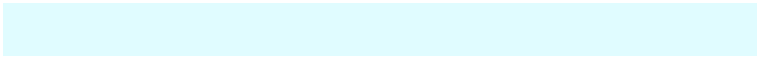
1.5479, 0.8732, 0.0870

Inverse Universe

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



71.2854, 78.2715, 89.9489



83.8298, 92.9617, 108.1328



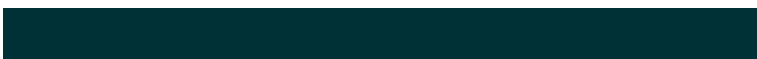
68.1584, 72.0177, 88.9065



15.3989, 16.8842, 19.3696



21.8500, 30.3471, 48.4489



1.7488, 2.4490, 3.8154

Previews

White Background



This preview shows how the XYZ color 70.1912, 70.5088, 72.1974 looks on a white background.

Color Contrast Check

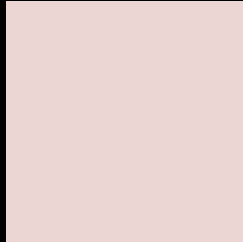
Large Text (above 18pt) WCAG AA × Fail

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 70.1912, 70.5088, 72.1974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

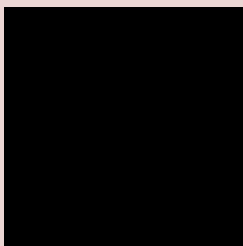
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1912, 70.5088, 72.1974

Background



This preview shows how black text looks on a background with the XYZ color 70.1912, 70.5088, 72.1974.

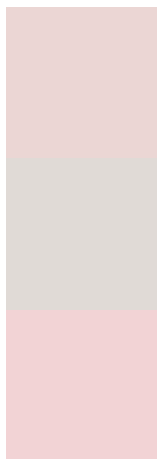


This preview shows how white text looks on a background with the XYZ color 70.1912, 70.5088,

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

70.1912, 70.5088, 72.1974

Protanopia

67.9495, 70.8451, 73.7115

Deuteranopia

71.9225, 70.2699, 72.7235



Tritanopia

72.4721, 70.6929, 83.2242

Trichromacy



Original Color

70.1912, 70.5088, 72.1974

Protanomaly

68.8180, 70.9238, 73.0134

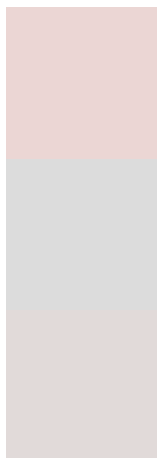
Deuteranomaly

71.1503, 70.2418, 72.7588

Tritanomaly

71.5711, 70.6953, 78.9806

Monochromacy



Original Color

70.1912, 70.5088, 72.1974

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.6471, 71.1601, 75.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1912, 70.5088, 72.1974 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(235, 214, 212) looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 212)  
}
```

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(235, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 212) }
```

Border

The CSS property to change the border of an element to XYZ 70.1912, 70.5088, 72.1974 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(235, 214, 212) }
```


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

```
.border{ border-color:rgb(235, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1912, 70.5088, 72.1974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 212) }
```

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

```
.background{ background-color: rgb(235,  
214, 212) }
```

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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