

Converting Colors

XYZ(70.3101, 72.5167, 76.1404)

Have a look what the booklet for
XYZ(70.3101, 72.5167, 76.1404)
contains.

XYZ(70.1690, 72.3308, 75.9086)	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(70.1690, 72.3308,
75.9086)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DBD9
RGB	229, 219, 217
RGB Percent	90%, 86%, 85%
CMY	0.1020, 0.1412, 0.1490
CMYK	0.00, 0.04, 0.05, 0.10
HSL	10°, 19%, 87%
HSV	10°, 5%, 90%
XYZ	70.1690, 72.3308, 75.9086
YIQ	221.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

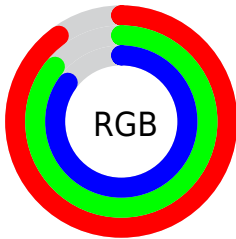
Format	Color
R _Y B	229, 219, 217
Decimal	15064025
CIE Lab	88.13, 3.07, 2.19
CIE LCh	88, 3.772, 35.498
Yxy	72.3308, 0.3213, 0.3312
Android (android.graphics.Color)	4293254105 (0xFFE5DBD9)
YUV	221.7620, -2.3477, 6.3477
Hunter-Lab	85.0475, -1.5606, 6.6144

Details

The XYZ color **70.1690, 72.3308, 75.9086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2271, 75.3459, 84.9715**, and the grayscale version is **69.2777, 72.8856, 79.3724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2526, 38.1582, 39.5843** is the 20% darker color. If you saturate the color by 10%, you get **62.7005, 61.8338, 59.7291**, and if you desaturate by 10%, it is **78.6253, 84.1401, 94.4582**.

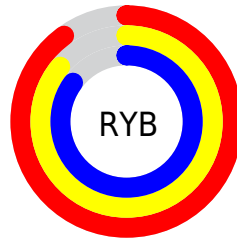
Distribution



Red (90%)

Green (86%)

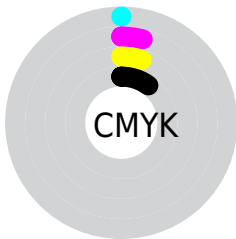
Blue (85%)



Red (90%)

Yellow (86%)

Blue (85%)

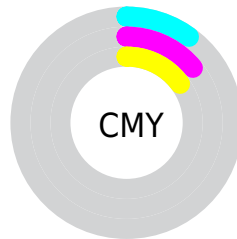


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (10%)



Cyan (10%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1690, 72.3308, 75.9086 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 70.1690, 72.3308, 75.9086 by changing the saturation by 10% instead.

70.1690, 72.3308,
75.9086

70.1690, 72.3308,
75.9086

450.4003,
468.6922, 500.3733

51.9444, 53.4289,
55.8514

118.4747,
122.5267, 129.3566

37.1849, 38.1453,
39.6806

149.2865,
154.5896, 163.5844

25.5250, 26.0955,
26.9777

185.0248,
191.8082, 203.3729

16.5994, 16.8951,
17.3242

226.0548,
234.5671, 249.1405

10.0428, 10.1597,
10.3015

272.7421,
283.2505, 301.3058

5.4899, 5.5050,
5.4911

325.4518,

2.5751, 2.5465,

338.2429, 360.2873

2.4745

384.5495,
399.9287, 426.5036

■ 0.9333, 0.8998,
0.8266

■ 0.0000, 0.0000,
0.0000

■ 70.1690, 72.3308,
75.9086

■ 70.1690, 72.3308,
75.9086

■ 62.7005, 61.8338,
59.7291

■ 78.6253, 84.1401,
94.4582

■ 56.1775, 52.5945,
45.8196

■ 86.1235, 95.3982,
108.4822

■ 50.5639, 44.5683,
34.0797

■ 45.8186, 37.7047,
24.3995

■ 41.8976, 31.9492,
16.6596

■ 38.7526, 27.2433,
10.7283

■ 36.3305, 23.5226,
6.4573

■ 34.5709, 20.7157,
3.6748

■ 33.4028, 18.7411,
2.1705

Harmonies

Analogous

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



70.4880, 72.3308, 78.2813



70.1690, 72.3308, 75.9086



69.4696, 72.3308, 74.3249

Triad

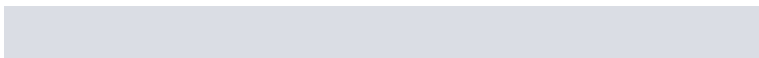
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1690, 72.3308, 75.9086



67.1831, 72.3308, 76.7152



68.9145, 72.3308, 83.8010

Complementary

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



70.1690, 72.3308, 75.9086



70.2271, 75.3459, 84.9715

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.



68.0320, 72.3308, 83.3596



70.1690, 72.3308, 75.9086



67.0374, 72.3308, 79.2325

Square

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



70.1690, 72.3308, 75.9086



67.7467, 72.3308, 74.7835



67.3468, 72.3308, 81.6736



69.7596, 72.3308, 82.8667

Rectangle

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



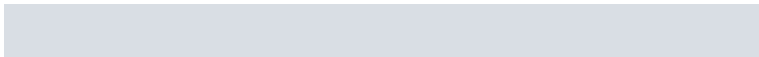
70.1690, 72.3308, 75.9086



68.8844, 72.3308, 73.9104



67.3468, 72.3308, 81.6736



68.6123, 72.3308, 83.8088

Sweetspot

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



70.1710, 72.3339, 75.9102



92.8993, 96.9952, 104.1859



70.9921, 71.8309, 82.7970



19.9068, 20.7925, 22.3494



0.0000, 0.0000, 0.0000



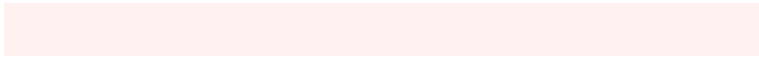
20.3446, 21.4041, 23.3091

Same Dimension

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



70.1710, 72.3339, 75.9102



88.7517, 91.1896, 95.1283



71.7637, 75.5192, 76.4410



15.0452, 15.4211, 16.0157



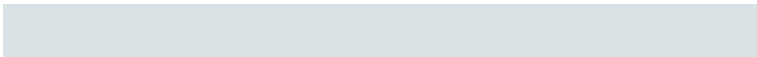
18.9345, 10.4431, 1.0178



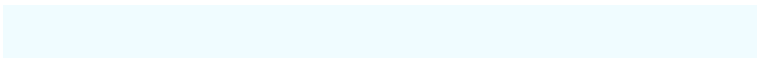
1.4577, 0.8887, 0.0947

Inverse Universe

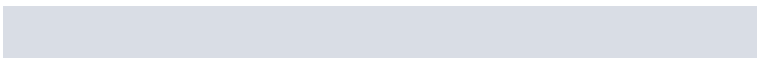
The Inverse Universe completely reimagines the original color for something new.



70.2271, 75.3459, 84.9715



88.8337, 95.5934, 108.3771



68.6156, 72.1228, 84.4343



15.0605, 16.2420, 18.4856



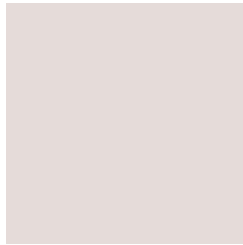
18.7848, 24.6318, 46.1475



1.4427, 1.9294, 3.4283

Previews

White Background



This preview shows how the XYZ color 70.1690, 72.3308, 75.9086 looks on a white background.

Color Contrast Check

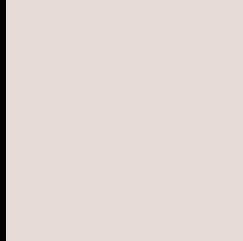
Large Text (above 18pt) WCAG AA × Fail

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 70.1690, 72.3308, 75.9086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

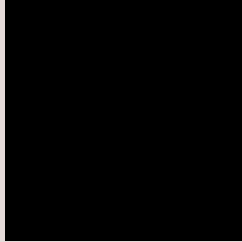
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

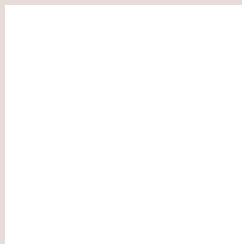
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1690, 72.3308, 75.9086

Background



This preview shows how black text looks on a background with the XYZ color 70.1690, 72.3308, 75.9086.



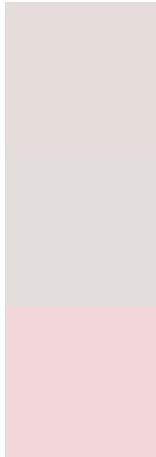
This preview shows how white text looks on a background with the XYZ color 70.1690, 72.3308,

75.9086.

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

70.1690, 72.3308, 75.9086

Protanopia

69.6121, 72.4171, 76.6386

Deuteranopia

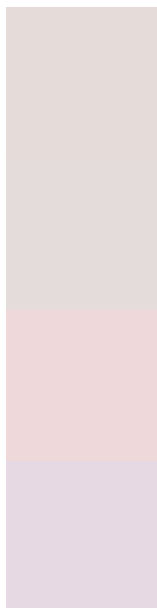
73.6636, 72.2098, 76.3851



Tritanopia

72.3621, 72.0412, 87.9333

Trichromacy



Original Color

70.1690, 72.3308, 75.9086

Protanomaly

69.9266, 72.5792, 76.6533

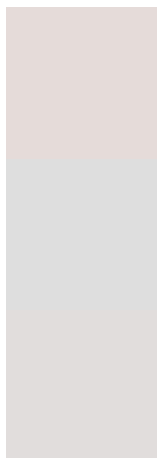
Deuteranomaly

72.4707, 72.3508, 76.4752

Tritanomaly

71.4496, 72.0501, 83.5401

Monochromacy



Original Color

70.1690, 72.3308, 75.9086

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8261, 72.8878, 78.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1690, 72.3308, 75.9086 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(229, 219, 217) looks like.

```
.text, #text, p{  
    color:rgb(229, 219, 217)  
}
```

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(229, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 70.1690, 72.3308, 75.9086 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(229, 219, 217) }
```


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

```
.border{ border-color:rgb(229, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(229, 219,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1690, 72.3308, 75.9086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 219, 217) }
```

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

```
.background{ background-color: rgb(229,  
219, 217) }
```

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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