

Converting Colors

XYZ(70.4890, 72.4958, 75.9236)

Have a look what the booklet for
XYZ(70.4890, 72.4958, 75.9236)
contains.

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Color

**XYZ(70.4890, 72.4958,
75.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DBD9
RGB	230, 219, 217
RGB Percent	90%, 86%, 85%
CMY	0.0980, 0.1412, 0.1490
CMYK	0.00, 0.05, 0.06, 0.10
HSL	9°, 21%, 88%
HSV	9°, 6%, 90%
XYZ	70.4890, 72.4958, 75.9236
YIQ	222.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

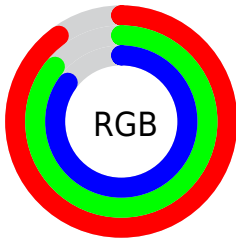
Format	Color
R_{YB}	230, 219, 217
Decimal	15129561
CIE Lab	88.21, 3.42, 2.31
CIE LCh	88, 4.126, 34.127
Yxy	72.4958, 0.3220, 0.3312
Android (android.graphics.Color)	4293319641 (0xFFE6DBD9)
YUV	222.0610, -2.4951, 6.9625
Hunter-Lab	85.1445, -1.2271, 6.7320

Details

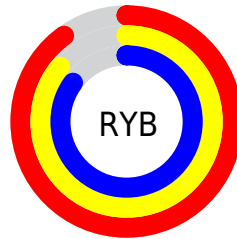
The XYZ color **70.4890, 72.4958, 75.9236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6414, 75.9504, 85.8004**, and the grayscale version is **69.4895, 73.1083, 79.6150**.

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 **62.9217, 61.8192, 59.6558**, and if you desaturate by 10%, it is **79.0705, 84.5318, 94.5882**.

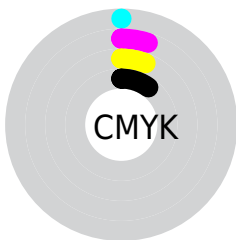
Distribution



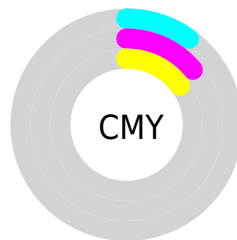
- Red (90%)
- Green (86%)
- Blue (85%)



- Red (90%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4890, 72.4958, 75.9236 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 70.4890, 72.4958, 75.9236 by changing the saturation by 10% instead.

70.4890, 72.4958,
75.9236

70.4890, 72.4958,
75.9236

451.5048,
469.2655, 500.4260

52.2063, 53.5638,
55.8636

118.9283,
122.7612, 129.3780

37.3945, 38.2530,
39.6903

149.8157,
154.8633, 163.6095

25.6882, 26.1791,
26.9852

185.6353,
192.1243, 203.4018

16.7219, 16.9577,
17.3298

226.7525,
234.9285, 249.1736

10.1305, 10.2043,
10.3055

273.5327,
283.6603, 301.3434

5.5485, 5.5346,
5.4937

326.3413,

2.6106, 2.5642,

338.7042, 360.3297

2.4760

385.5435,
400.4444, 426.5510

■ 0.9513, 0.9087,
0.8274

■ 0.0000, 0.0000,
0.0000

■ 70.4890, 72.4958,
75.9236

■ 70.4890, 72.4958,
75.9236

■ 62.9217, 61.8192,
59.6558

■ 79.0705, 84.5318,
94.5882

■ 56.3251, 52.4451,
45.6830

■ 86.4435, 95.5632,
108.4972

■ 50.6613, 44.3262,
33.9032

■ 45.8878, 37.4091,
24.2046

■ 41.9586, 31.6362,
16.4656

■ 38.8236, 26.9454,
10.5521

■ 36.4271, 23.2684,
6.3128

■ 34.7061, 20.5291,
3.5722

■ 33.5858, 18.6402,
2.1149

Harmonies

Analogous

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



70.8165, 72.4958, 78.5448



70.4890, 72.4958, 75.9236



69.7371, 72.4958, 74.1427

Triad

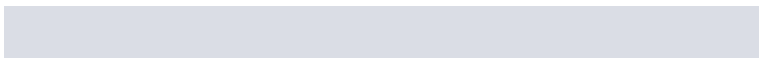
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4890, 72.4958, 75.9236



67.2106, 72.4958, 76.5861



69.0418, 72.4958, 84.4851

Complementary

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



70.4890, 72.4958, 75.9236



70.6414, 75.9504, 85.8004

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.



68.0798, 72.4958, 83.9307



70.4890, 72.4958, 75.9236



67.0284, 72.4958, 79.3277

Square

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



70.4890, 72.4958, 75.9236



67.8452, 72.4958, 74.5187



67.3451, 72.4958, 82.0262



69.9760, 72.4958, 83.5236

Rectangle

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



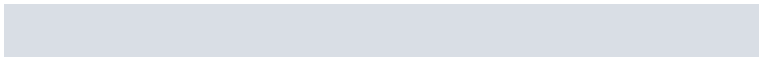
70.4890, 72.4958, 75.9236



69.0996, 72.4958, 73.6484



67.3451, 72.4958, 82.0262



68.7110, 72.4958, 84.4700

Sweetspot

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



70.4910, 72.4990, 75.9252



92.8789, 96.9543, 104.1791



71.4574, 72.0540, 83.5776



19.9027, 20.7842, 22.3481



0.0000, 0.0000, 0.0000



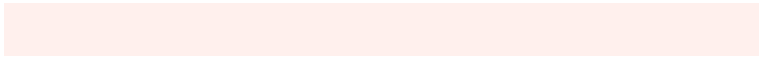
20.3446, 21.4041, 23.3091

Same Dimension

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



70.4910, 72.4990, 75.9252



87.6792, 89.6455, 92.9178



72.2054, 75.9277, 76.4966



14.8728, 15.1719, 15.6633



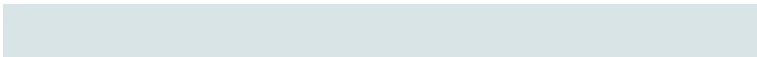
18.8789, 10.3320, 0.9993



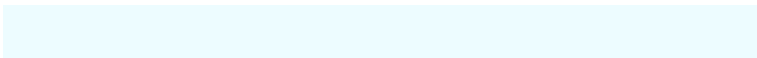
1.4506, 0.8745, 0.0923

Inverse Universe

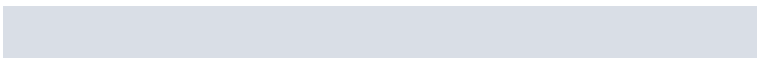
The Inverse Universe completely reimagines the original color for something new.



70.6414, 75.9504, 85.8004



87.9136, 95.0272, 108.3163



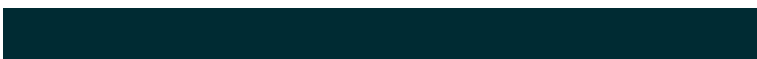
68.9011, 72.4698, 85.2203



14.9156, 16.1551, 18.4764



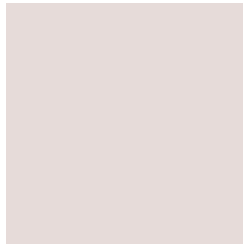
19.1500, 25.3621, 46.2692



1.4664, 1.9768, 3.4362

Previews

White Background



This preview shows how the XYZ color 70.4890, 72.4958, 75.9236 looks on a white background.

Color Contrast Check

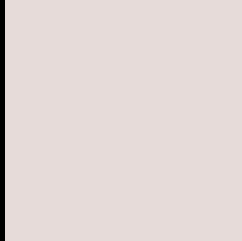
Large Text (above 18pt) WCAG AA × Fail

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 70.4890, 72.4958, 75.9236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

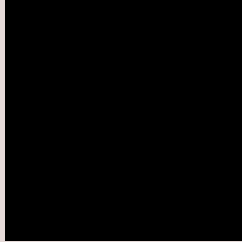
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

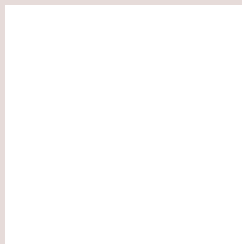
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4890, 72.4958, 75.9236

Background



This preview shows how black text looks on a background with the XYZ color 70.4890, 72.4958, 75.9236.



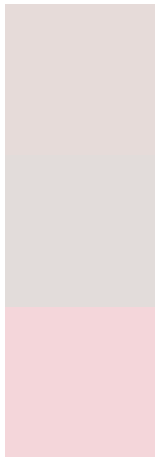
This preview shows how white text looks on a background with the XYZ color 70.4890, 72.4958,

75.9236.

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

70.4890, 72.4958, 75.9236

Protanopia

69.6121, 72.4171, 76.6386

Deuteranopia

74.0097, 72.3882, 76.4013



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

70.4890, 72.4958, 75.9236

Protanomaly

69.9266, 72.5792, 76.6533

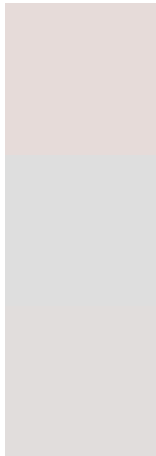
Deuteranomaly

72.8074, 72.5244, 76.4909

Tritanomaly

71.6330, 72.1607, 82.8260

Monochromacy



Original Color

70.4890, 72.4958, 75.9236

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 70.4890, 72.4958, 75.9236 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(230, 219, 217) looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 70.4890, 72.4958, 75.9236 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(230, 219, 217) }
```


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

```
.border{ border-color:rgb(230, 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(230, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4890, 72.4958, 75.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 217) }
```

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

```
.background{ background-color: rgb(230,  
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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