

Converting Colors

XYZ(73.0409, 76.3349, 89.0851)

Have a look what the booklet for
XYZ(73.0409, 76.3349, 89.0851)
contains.

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Color

**XYZ(73.0990, 76.3408,
88.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E2EA
RGB	225, 226, 234
RGB Percent	88%, 89%, 92%
CMY	0.1176, 0.1137, 0.0823
CMYK	0.04, 0.03, 0.00, 0.08
HSL	233°, 18%, 90%
HSV	233°, 4%, 92%
XYZ	73.0990, 76.3408, 88.7244
YIQ	226.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

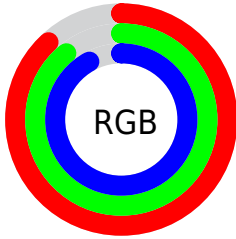
Format	Color
R _Y B	225, 226, 234
Decimal	14803690
CIE Lab	90.02, 1.13, -4.02
CIE LCh	90, 4.173, 285.703
Yxy	76.3408, 0.3069, 0.3205
Android (android.graphics.Color)	4292993770 (0xFFE1E2EA)
YUV	226.6130, 3.6418, -1.4146
Hunter-Lab	87.3732, -3.5648, 0.9544

Details

The XYZ color **73.0990, 76.3408, 88.7244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6614, 81.2057, 82.8692**, and the grayscale version is **72.7106, 76.4972, 83.3054**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1764, 40.8862, 47.9465** is the 20% darker color. If you saturate the color by 10%, you get **60.9836, 62.2070, 86.6360**, and if you desaturate by 10%, it is **86.9040, 92.3675, 91.0914**.

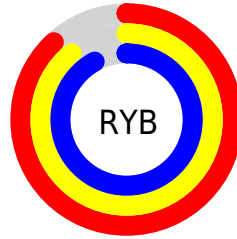
Distribution



Red (88%)

Green (89%)

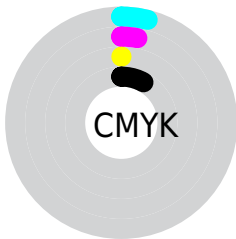
Blue (92%)



Red (88%)

Yellow (89%)

Blue (92%)

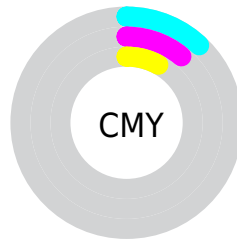


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0990, 76.3408, 88.7244 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 73.0990, 76.3408, 88.7244 by changing the saturation by 10% instead.

■ 73.0990, 76.3408,
88.7244

■ 73.0990, 76.3408,
88.7244

460.4563,
482.5135, 544.3352

■ 54.3456, 56.7120,
66.3554

122.6201,
128.2085, 147.4852

■ 39.1098, 40.7741,
48.1027

154.1185,
161.2163, 184.7142

■ 27.0263, 28.1426,
33.5476

190.5960,
199.4524, 227.7335

■ 17.7296, 18.4332,
22.2718

232.4178,
243.3014, 276.9618

■ 10.8546, 11.2614,
13.8565

279.9494,
293.1476, 332.8176

■ 6.0357, 6.2430,
7.8833

333.5562,

■ 2.9077, 2.9934,

349.3754, 395.7194

3.9337

393.6033,
412.3693, 466.0858

■ 1.1051, 1.1283,
1.5890

■ 0.0294, 0.0019,
0.2830

■ 73.0990, 76.3408,
88.7244

■ 73.0990, 76.3408,
88.7244

■ 60.9836, 62.2070,
86.6360

■ 86.9040, 92.3675,
91.0914

■ 50.4865, 49.8868,
84.8112

■ 91.8515, 98.7206,
92.0569

■ 41.5409, 39.3093,
83.2411

■ 34.0726, 30.3956,
81.9142

■ 28.0018, 23.0605,
80.8183

■ 23.2407, 17.2114,
79.9402

■ 19.6915, 12.7455,
79.2653

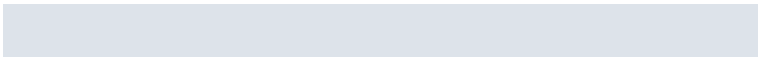
■ 17.2426, 9.5471,
78.7770

■ 15.7607, 7.4809,
78.4563

Harmonies

Analogous

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



72.0698, 76.3408, 88.7621



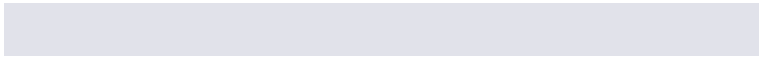
73.0990, 76.3408, 88.7244



73.9918, 76.3408, 87.1620

Triad

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



73.0990, 76.3408, 88.7244



73.9569, 76.3408, 79.1135



70.6502, 76.3408, 81.7241

Complementary

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



73.0990, 76.3408, 88.7244



76.6614, 81.2057, 82.8692

Split Complementary

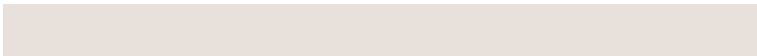
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1461, 76.3408, 79.2091



73.0990, 76.3408, 88.7244



73.0517, 76.3408, 77.7263

Square

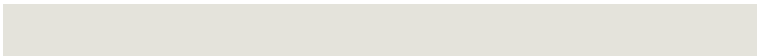
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0990, 76.3408, 88.7244



74.4903, 76.3408, 81.5908



72.0229, 76.3408, 77.7608



70.6626, 76.3408, 84.6726

Rectangle

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



73.0990, 76.3408, 88.7244



74.3866, 76.3408, 85.4869



72.0229, 76.3408, 77.7608



70.7628, 76.3408, 80.8014

Sweetspot

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



73.1012, 76.3441, 88.7261



93.3995, 98.0825, 108.6169



75.1762, 80.7348, 88.6757



20.0087, 21.0139, 23.2515



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.



73.1012, 76.3441, 88.7261



87.0058, 90.6455, 107.5184



73.9156, 76.3599, 88.6862



15.3812, 16.0024, 19.2003



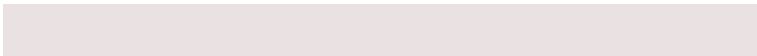
8.5991, 3.8453, 44.0320



0.7201, 0.3918, 3.4725

Inverse Universe

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



74.5861, 76.8353, 82.8549



89.3459, 91.4249, 98.2646



75.8245, 81.1972, 82.9117



15.8526, 16.1599, 17.3361



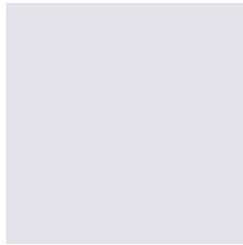
19.1957, 9.8810, 1.5662



1.5300, 0.7850, 0.2423

Previews

White Background



This preview shows how the XYZ color 73.0990, 76.3408, 88.7244 looks on a white background.

Color Contrast Check

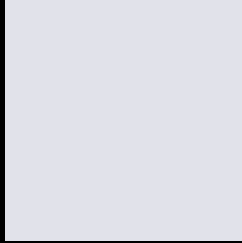
Large Text (above 18pt) WCAG AA × Fail

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 73.0990, 76.3408, 88.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

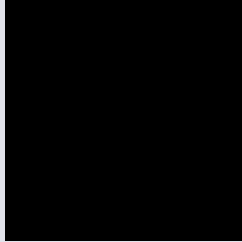
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

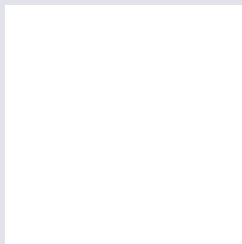
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0990, 76.3408, 88.7244

Background



This preview shows how black text looks on a background with the XYZ color 73.0990, 76.3408, 88.7244.



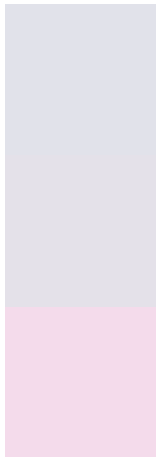
This preview shows how white text looks on a background with the XYZ color 73.0990, 76.3408,

88.7244.

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

73.0990, 76.3408, 88.7244

Protanopia

73.6281, 76.2276, 87.9236

Deuteranopia

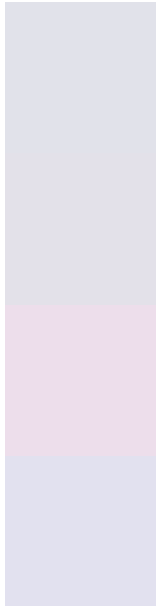
77.6351, 75.8943, 89.1545



Tritanopia

74.3163, 76.4300, 94.8400

Trichromacy



Original Color

73.0990, 76.3408, 88.7244

Protanomaly

73.3117, 76.0645, 87.9088

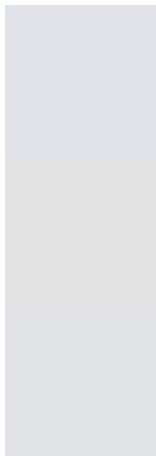
Deuteranomaly

76.0417, 76.2452, 89.3062

Tritanomaly

73.8692, 76.2512, 92.4860

Monochromacy



Original Color

73.0990, 76.3408, 88.7244

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1160, 76.8201, 85.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0990, 76.3408, 88.7244 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(225, 226, 234) looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 234)  
}
```

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(225, 226, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.0990, 76.3408, 88.7244 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(225, 226, 234) }
```


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

```
.border{ border-color:rgb(225, 226, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0990, 76.3408, 88.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 234) }
```

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

```
.background{ background-color: rgb(225,  
226, 234) }
```

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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