

Converting Colors

XYZ(73.2362, 76.6143, 88.7710)

Have a look what the booklet for
XYZ(73.2362, 76.6143, 88.7710)
contains.

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Color

**XYZ(73.3717, 76.8862,
88.8153)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E3EA
RGB	225, 227, 234
RGB Percent	88%, 89%, 92%
CMY	0.1176, 0.1098, 0.0823
CMYK	0.04, 0.03, 0.00, 0.08
HSL	227°, 18%, 90%
HSV	227°, 4%, 92%
XYZ	73.3717, 76.8862, 88.8153
YIQ	227.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

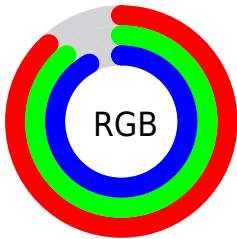
Format	Color
R_{YB}	225, 227, 234
Decimal	14803946
CIE Lab	90.27, 0.61, -3.65
CIE LCh	90, 3.698, 279.538
Yxy	76.8862, 0.3069, 0.3216
Android (android.graphics.Color)	4292994026 (0xFFE1E3EA)
YUV	227.2000, 3.3524, -1.9294
Hunter-Lab	87.6848, -4.0855, 1.3249

Details

The XYZ color **73.3717, 76.8862, 88.8153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3791, 80.6411, 82.7751**, and the grayscale version is **73.1392, 76.9481, 83.7965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3660, 41.2654, 48.0097** is the 20% darker color. If you saturate the color by 10%, you get **61.8559, 63.9515, 86.9268**, and if you desaturate by 10%, it is **86.4174, 91.3942, 90.9292**.

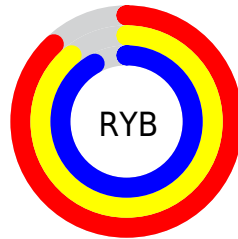
Distribution



Red (88%)

Green (89%)

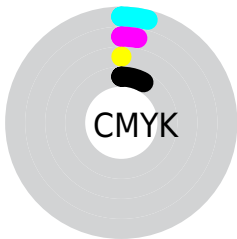
Blue (92%)



Red (88%)

Yellow (89%)

Blue (92%)

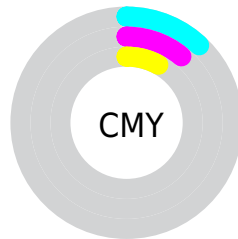


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3717, 76.8862, 88.8153 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 73.3717, 76.8862, 88.8153 by changing the saturation by 10% instead.

■ 73.3717, 76.8862,
88.8153

■ 73.3717, 76.8862,
88.8153

461.3859,
484.3759, 544.6398

■ 54.5694, 57.1595,
66.4303

123.0050,
128.9788, 147.6128

■ 39.2896, 41.1333,
48.1631

154.5668,
162.1135, 184.8624

■ 27.1668, 28.4233,
33.5952

191.1124,
200.4863, 227.9039

■ 17.8358, 18.6450,
22.3079

233.0072,
244.4817, 277.1560

■ 10.9311, 11.4140,
13.8829

280.6167,
294.4839, 333.0370

■ 6.0875, 6.3460,
7.9014

334.3060,

■ 2.9395, 3.0566,

350.8774, 395.9657

3.9451

394.4406,
414.0466, 466.3604

■ 1.1219, 1.1614,
1.5953

■ 0.0433, 0.0298,
0.2874

■ 73.3717, 76.8862,
88.8153

■ 73.3717, 76.8862,
88.8153

■ 61.8559, 63.9515,
86.9268

■ 86.4174, 91.3942,
90.9292

■ 51.8066, 52.5270,
85.2513

■ 91.8515, 98.7206,
92.0569

■ 43.1659, 42.5595,
83.7828

■ 35.8693, 33.9890,
82.5131

■ 29.8473, 26.7514,
81.4335

■ 25.0236, 20.7771,
80.5345

■ 21.3138, 15.9900,
79.8061

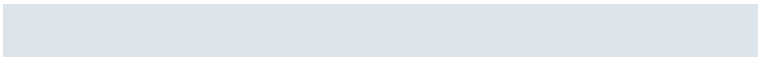
■ 18.6216, 12.3050,
79.2367

■ 16.8323, 9.6241,
78.8135

Harmonies

Analogous

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



72.4610, 76.8862, 88.5557



73.3717, 76.8862, 88.8153



74.2106, 76.8862, 87.6866

Triad

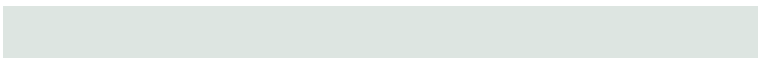
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3717, 76.8862, 88.8153



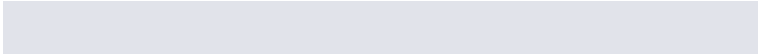
74.4516, 76.8862, 80.5303



71.4322, 76.8862, 81.9563

Complementary

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



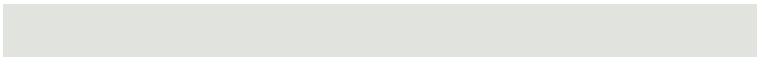
73.3717, 76.8862, 88.8153



76.3791, 80.6411, 82.7751

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.



71.9570, 76.8862, 79.8671



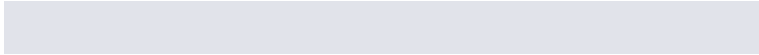
73.3717, 76.8862, 88.8153



73.6986, 76.8862, 79.0559

Square

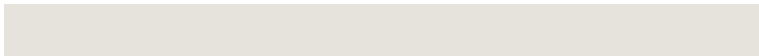
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3717, 76.8862, 88.8153



74.8375, 76.8862, 82.8789



72.7851, 76.8862, 78.8157



71.3463, 76.8862, 84.5587

Rectangle

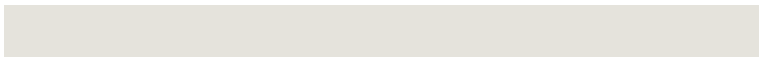
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3717, 76.8862, 88.8153



74.6144, 76.8862, 86.3123



72.7851, 76.8862, 78.8157



71.5629, 76.8862, 81.1723

Sweetspot

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



73.3739, 76.8895, 88.8170



93.4889, 98.2613, 108.6467



75.0266, 80.6749, 87.8881



20.0269, 21.0503, 23.2575



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.



73.3739, 76.8895, 88.8170



87.4330, 91.4998, 107.6608



73.5826, 76.1883, 88.6706



15.4669, 16.1738, 19.2289



9.1147, 4.8764, 44.2038



0.7858, 0.5232, 3.4944

Inverse Universe

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



74.7237, 76.8904, 83.5798



89.5615, 91.5112, 99.3999



76.1636, 81.3720, 82.9275



15.8958, 16.1772, 17.5640



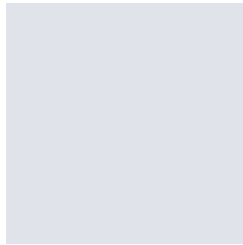
19.4560, 9.9851, 2.9366



1.5632, 0.7982, 0.4170

Previews

White Background



This preview shows how the XYZ color 73.3717, 76.8862, 88.8153 looks on a white background.

Color Contrast Check

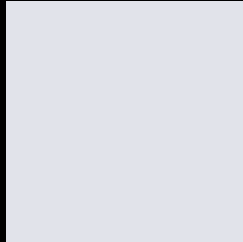
Large Text (above 18pt) WCAG AA × Fail

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 73.3717, 76.8862, 88.8153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

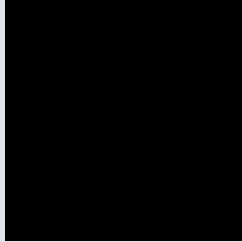
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

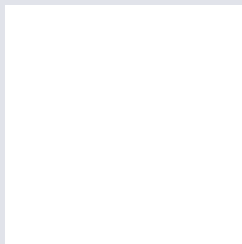
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3717, 76.8862, 88.8153

Background



This preview shows how black text looks on a background with the XYZ color 73.3717, 76.8862, 88.8153.



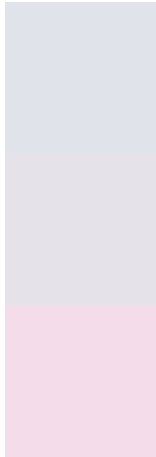
This preview shows how white text looks on a background with the XYZ color 73.3717, 76.8862,

88.8153.

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

73.3717, 76.8862, 88.8153

Protanopia

74.2174, 76.9339, 88.0288

Deuteranopia

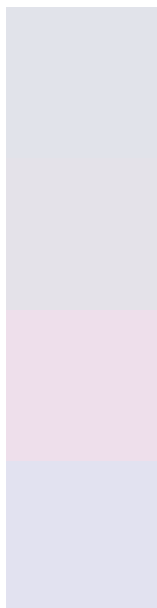
78.2448, 76.5970, 89.2580



Tritanopia

74.7380, 77.0325, 95.7237

Trichromacy



Original Color

73.3717, 76.8862, 88.8153

Protanomaly

73.8992, 76.7699, 88.0140

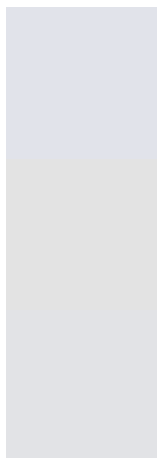
Deuteranomaly

76.6430, 76.9507, 89.4107

Tritanomaly

74.2886, 76.8527, 93.3567

Monochromacy



Original Color

73.3717, 76.8862, 88.8153

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 73.3717, 76.8862, 88.8153 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, 227, 234) looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 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, 227, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.3717, 76.8862, 88.8153 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, 227, 234) }
```


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

```
.border{ border-color:rgb(225, 227, 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, 227, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3717, 76.8862, 88.8153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 234) }
```

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

```
.background{ background-color: rgb(225,  
227, 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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