

Converting Colors

XYZ(73.8213, 77.9700, 87.2558)

Have a look what the booklet for
XYZ(73.8213, 77.9700, 87.2558)
contains.

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Color

**XYZ(73.9488, 78.0336,
87.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E5E8
RGB	226, 229, 232
RGB Percent	89%, 90%, 91%
CMY	0.1137, 0.1019, 0.0902
CMYK	0.03, 0.01, 0.00, 0.09
HSL	210°, 12%, 90%
HSV	210°, 3%, 91%
XYZ	73.9488, 78.0336, 87.5084
YIQ	228.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

Format	Color
R _Y B	226, 228, 232
Decimal	14869992
CIE Lab	90.80, -0.46, -1.82
CIE LCh	91, 1.875, 255.952
Yxy	78.0336, 0.3088, 0.3258
Android (android.graphics.Color)	4293060072 (0xFFE2E5E8)
YUV	228.4450, 1.7526, -2.1443
Hunter-Lab	88.3366, -5.1623, 3.1015

Details

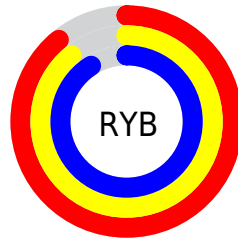
The XYZ color **73.9488, 78.0336, 87.5084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0255, 78.6844, 83.1859**, and the grayscale version is **74.0596, 77.9164, 84.8510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7671, 42.0646, 47.0976** is the 20% darker color. If you saturate the color by 10%, you get **64.0617, 68.3379, 86.1592**, and if you desaturate by 10%, it is **85.0386, 88.6713, 88.9784**.

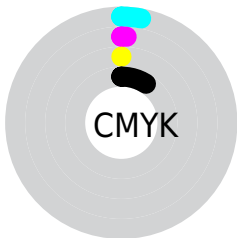
Distribution



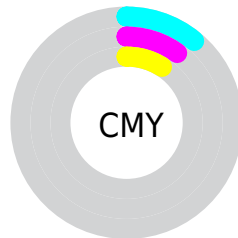
- Red (89%)
- Green (90%)
- Blue (91%)



- Red (89%)
- Yellow (89%)
- Blue (91%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9488, 78.0336, 87.5084 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 73.9488, 78.0336, 87.5084 by changing the saturation by 10% instead.

■ 73.9488, 78.0336,
87.5084

■ 73.9488, 78.0336,
87.5084

463.3497,
488.2809, 540.2515

■ 55.0433, 58.1016,
65.3540

123.8191,
130.5975, 145.7777

■ 39.6703, 41.8903,
47.2950

155.5146,
163.9981, 182.7296

■ 27.4647, 29.0154,
32.9129

192.2041,
202.6571, 225.4511

■ 18.0609, 19.0925,
21.7892

234.2530,
246.9589, 274.3608

■ 11.0937, 11.7371,
13.5052

282.0267,
297.2877, 329.8771

■ 6.1976, 6.5649,
7.6426

335.8905,

■ 3.0074, 3.1915,

354.0281, 392.4187

3.7826

396.2097,
417.5643, 462.4040

■ 1.1577, 1.2325,
1.5069

■ 0.0726, 0.0880,
0.2230

■ 73.9488, 78.0336,
87.5084

■ 73.9488, 78.0336,
87.5084

■ 64.0617, 68.3379,
86.1592

■ 85.0386, 88.6713,
88.9784

■ 55.3273, 59.5455,
84.9225

■ 90.6710, 96.8169,
90.2538

■ 47.7016, 51.6299,
83.7965

■ 91.5657, 98.6063,
90.5520

■ 41.1352, 44.5589,
82.7778

■ 35.5746, 38.2982,
81.8624

■ 30.9615, 32.8107,
81.0464

■ 27.2304, 28.0554,
80.3251

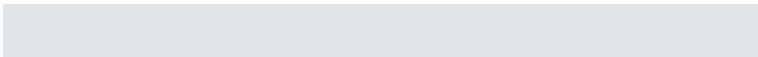
■ 24.3069, 23.9864,
79.6938

■ 22.1017, 20.5497,
79.1467

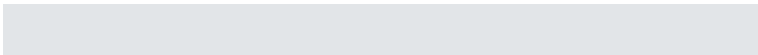
Harmonies

Analogous

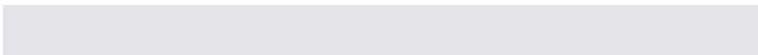
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5402, 78.0336, 86.8447



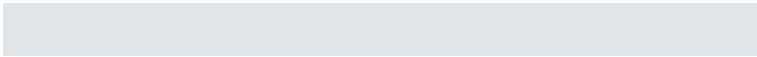
73.9488, 78.0336, 87.5084



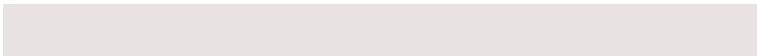
74.4180, 78.0336, 87.4856

Triad

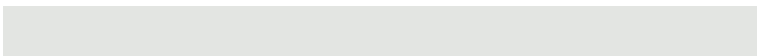
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9488, 78.0336, 87.5084



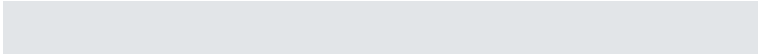
75.0435, 78.0336, 84.2539



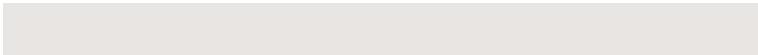
73.5191, 78.0336, 83.1733

Complementary

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



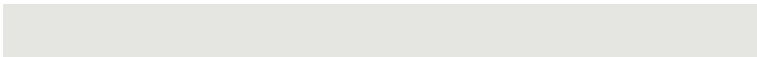
73.9488, 78.0336, 87.5084



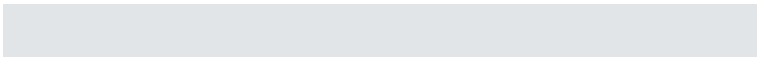
75.0255, 78.6844, 83.1859

Split Complementary

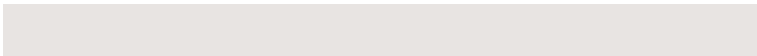
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9198, 78.0336, 82.4939



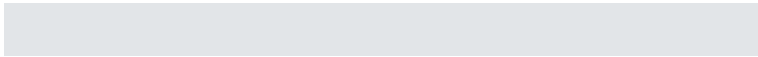
73.9488, 78.0336, 87.5084



74.8005, 78.0336, 83.1132

Square

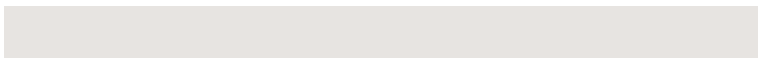
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



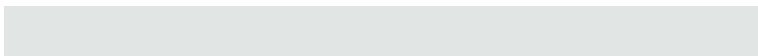
73.9488, 78.0336, 87.5084



75.0513, 78.0336, 85.5970



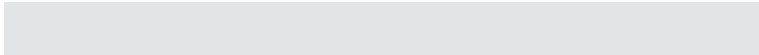
74.3888, 78.0336, 82.4720



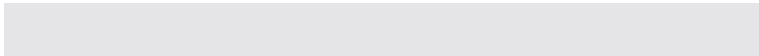
73.2928, 78.0336, 84.3368

Rectangle

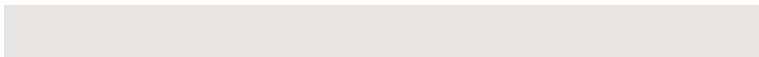
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



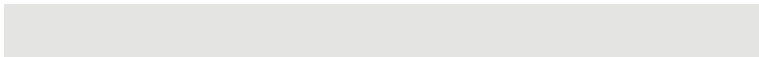
73.9488, 78.0336, 87.5084



74.7020, 78.0336, 87.0840



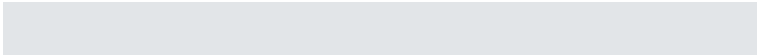
74.3888, 78.0336, 82.4720



73.6377, 78.0336, 82.8813

Sweetspot

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



73.9510, 78.0369, 87.5101



93.7132, 98.7098, 108.7214



74.3506, 79.5347, 85.4897



20.0726, 21.1416, 23.2727



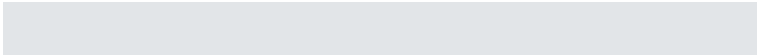
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

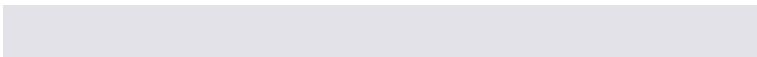
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9510, 78.0369, 87.5101



91.0848, 96.1648, 108.3687



73.1541, 76.4432, 87.2445



15.3753, 16.2470, 18.4700



11.6893, 10.4407, 43.7823



0.9567, 0.9573, 3.2663

Inverse Universe

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



74.6196, 77.2070, 85.1023



92.0489, 94.9722, 104.8957



75.8358, 80.3050, 83.4560



15.5808, 15.9944, 17.7293



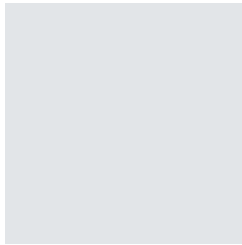
20.2937, 10.2517, 10.4417



1.5465, 0.7763, 1.0185

Previews

White Background



This preview shows how the XYZ color 73.9488, 78.0336, 87.5084 looks on a white background.

Color Contrast Check

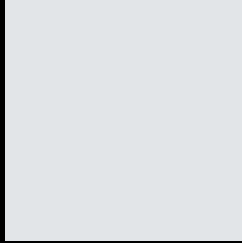
Large Text (above 18pt) WCAG AA × Fail

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 73.9488, 78.0336, 87.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

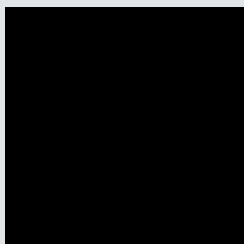
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

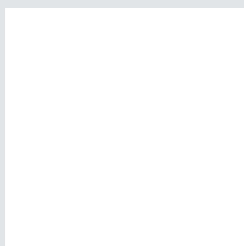
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9488, 78.0336, 87.5084

Background



This preview shows how black text looks on a background with the XYZ color 73.9488, 78.0336, 87.5084.



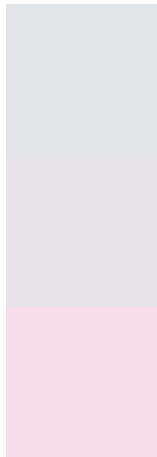
This preview shows how white text looks on a background with the XYZ color 73.9488, 78.0336,

87.5084.

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

73.9488, 78.0336, 87.5084

Protanopia

75.1716, 77.8635, 86.6685

Deuteranopia

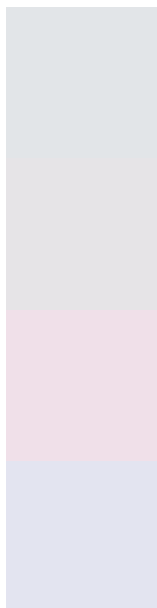
79.4191, 77.6099, 88.6363



Tritanopia

75.9454, 78.0247, 97.4437

Trichromacy



Original Color

73.9488, 78.0336, 87.5084

Protanomaly

74.8003, 78.0793, 86.7297

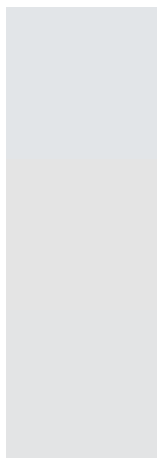
Deuteranomaly

77.2988, 77.7198, 88.0181

Tritanomaly

75.1501, 78.1090, 93.5538

Monochromacy



Original Color

73.9488, 78.0336, 87.5084

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5648, 77.4748, 85.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9488, 78.0336, 87.5084 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(226, 229, 232) looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 232)  
}
```

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(226, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.9488, 78.0336, 87.5084 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(226, 229, 232) }
```


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

```
.border{ border-color:rgb(226, 229, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 229, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(226, 229,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9488, 78.0336, 87.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 229, 232) }
```

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

```
.background{ background-color: rgb(226,  
229, 232) }
```

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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