

Converting Colors

XYZ(73.8880, 78.8194, 87.9206)

Have a look what the booklet for
XYZ(73.8880, 78.8194, 87.9206)
contains.

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Color

**XYZ(73.8819, 78.8253,
87.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E7E8
RGB	224, 231, 232
RGB Percent	88%, 91%, 91%
CMY	0.1216, 0.0941, 0.0902
CMYK	0.03, 0.00, 0.00, 0.09
HSL	187°, 15%, 89%
HSV	187°, 3%, 91%
XYZ	73.8819, 78.8253, 87.6647
YIQ	229.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

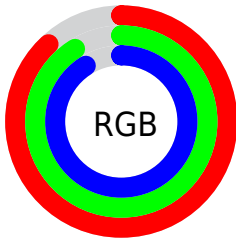
Format	Color
RYB	224, 228, 232
Decimal	14739432
CIELab	91.16, -2.15, -1.31
CIElCh	91, 2.513, 211.390
Yxy	78.8253, 0.3074, 0.3279
Android (android.graphics.Color)	4292929512 (0xFFE0E7E8)
YUV	229.0210, 1.4686, -4.4034
Hunter-Lab	88.7836, -6.8313, 3.6057

Details

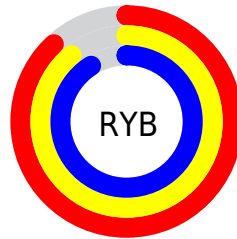
The XYZ color **73.8819, 78.8253, 87.6647** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.6587, 76.3874, 81.3843**, and the grayscale version is **74.4855, 78.3645, 85.3389**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5286, 42.2295, 47.1420** is the 20% darker color. If you saturate the color by 10%, you get **66.3751, 73.7670, 87.0852**, and if you desaturate by 10%, it is **82.3876, 84.4228, 88.2980**.

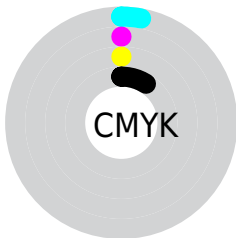
Distribution



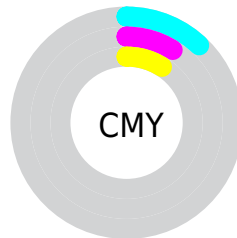
- Red (88%)
- Green (91%)
- Blue (91%)



- Red (88%)
- Yellow (89%)
- Blue (91%)



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



- Cyan (12%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8819, 78.8253, 87.6647 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 73.8819, 78.8253, 87.6647 by changing the saturation by 10% instead.

■ 73.8819, 78.8253,
87.6647

■ 73.8819, 78.8253,
87.6647

463.1223,
490.9651, 540.7774

■ 54.9883, 58.7522,
65.4827

123.7248,
131.7129, 145.9973

■ 39.6262, 42.4137,
47.3987

155.4048,
165.2962, 182.9849

■ 27.4301, 29.4253,
32.9944

192.0777,
204.1516, 225.7448

■ 18.0348, 19.4028,
21.8511

234.1087,
248.6636, 274.6955

■ 11.0748, 11.9617,
13.5502

281.8634,
299.2165, 330.2556

■ 6.1848, 6.7176,
7.6734

335.7069,

■ 2.9995, 3.2861,

356.1949, 392.8436

3.8019

396.0048,
419.9829, 462.8780

■ 1.1535, 1.2829,
1.5173

■ 0.0692, 0.1279,
0.2308

■ 73.8819, 78.8253,
87.6647

■ 73.8819, 78.8253,
87.6647

■ 66.3751, 73.7670,
87.0852

■ 82.3876, 84.4228,
88.2980

■ 59.8210, 69.2173,
86.5525

■ 86.0274, 87.5296,
88.7059

■ 54.1796, 65.1577,
86.0662

■ 86.8697, 89.2142,
88.9866

■ 49.4056, 61.5648,
85.6243

■ 87.7255, 90.9259,
89.2719

■ 45.4494, 58.4130,
85.2245

■ 88.5950, 92.6648,
89.5617

■ 42.2570, 55.6742,
84.8641

■ 89.4781, 94.4310,
89.8561

■ 39.7670, 53.3169,
84.5403

■ 90.3749, 96.2247,
90.1550

■ 37.9092, 51.3045,
84.2498

■ 91.2855, 98.0459,
90.4586

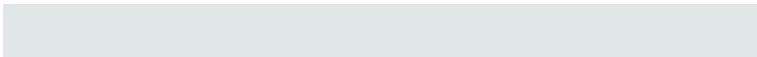
■ 36.5977, 49.5929,
83.9886

■ 91.5657, 98.6063,
90.5520

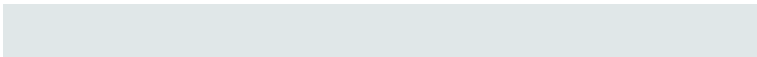
Harmonies

Analogous

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



73.7051, 78.8253, 85.9123



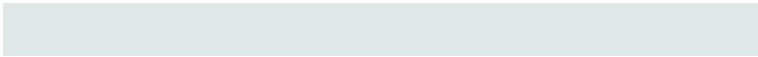
73.8819, 78.8253, 87.6647



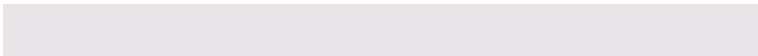
74.3370, 78.8253, 88.9392

Triad

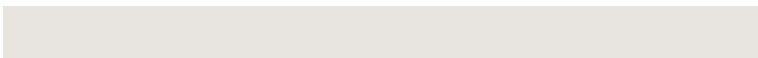
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8819, 78.8253, 87.6647



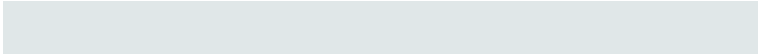
75.9999, 78.8253, 87.5155



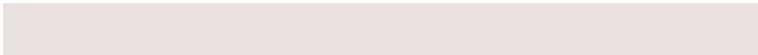
74.8914, 78.8253, 82.3731

Complementary

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



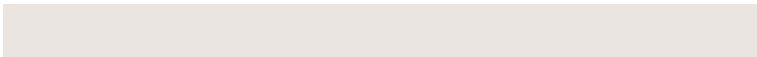
73.8819, 78.8253, 87.6647



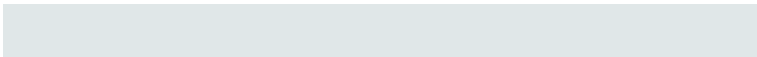
73.6587, 76.3874, 81.3843

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.



75.5082, 78.8253, 82.7890



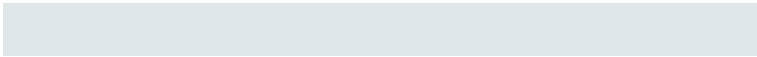
73.8819, 78.8253, 87.6647



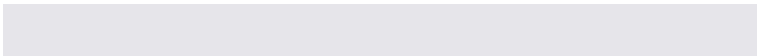
76.1504, 78.8253, 85.7424

Square

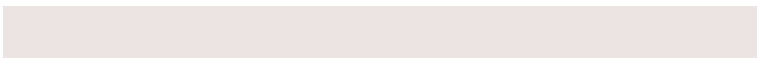
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



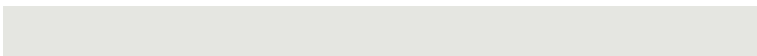
73.8819, 78.8253, 87.6647



75.5599, 78.8253, 88.8522



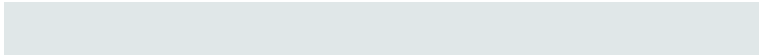
75.9700, 78.8253, 84.0159



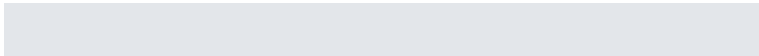
74.2859, 78.8253, 82.8719

Rectangle

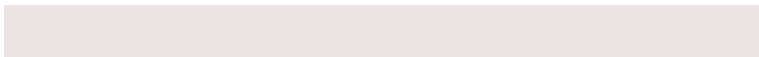
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8819, 78.8253, 87.6647



74.7381, 78.8253, 89.3373



75.9700, 78.8253, 84.0159



75.1043, 78.8253, 82.4105

Sweetspot

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



73.8841, 78.8287, 87.6664



94.0168, 99.3171, 108.8226



73.1799, 78.9944, 82.5782



20.1344, 21.2652, 23.2933



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

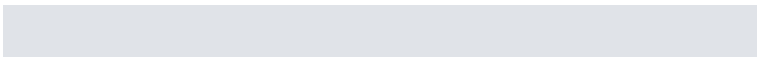
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8841, 78.8287, 87.6664



90.9925, 97.3087, 108.5944



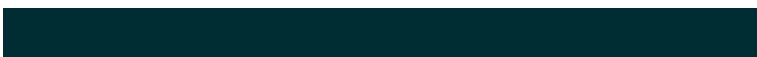
72.7946, 76.6495, 87.3032



15.4097, 16.5267, 18.5221



20.0200, 27.1021, 46.5592



1.5226, 2.0891, 3.4550

Inverse Universe

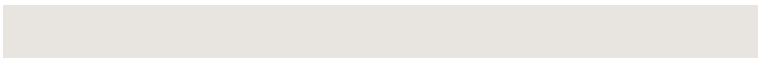
The Inverse Universe completely reimagines the original color for something new.



74.3599, 76.2382, 86.4015



91.6781, 93.5823, 106.7704



74.7353, 78.5406, 81.7432



15.5467, 15.7836, 18.1573



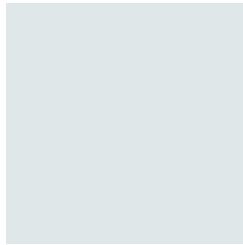
24.4987, 11.9337, 32.5847



1.8322, 0.8906, 2.5226

Previews

White Background



This preview shows how the XYZ color 73.8819, 78.8253, 87.6647 looks on a white background.

Color Contrast Check

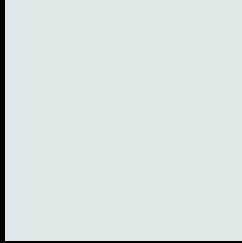
Large Text (above 18pt) WCAG AA × Fail

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 73.8819, 78.8253, 87.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

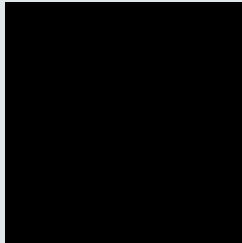
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

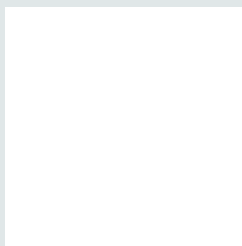
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8819, 78.8253, 87.6647

Background



This preview shows how black text looks on a background with the XYZ color 73.8819, 78.8253, 87.6647.



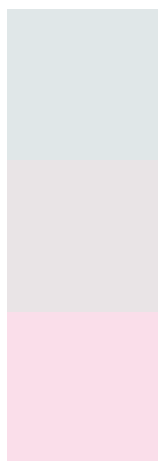
This preview shows how white text looks on a background with the XYZ color 73.8819, 78.8253,

87.6647.

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

73.8819, 78.8253, 87.6647

Protanopia

75.6306, 78.5236, 86.0333

Deuteranopia

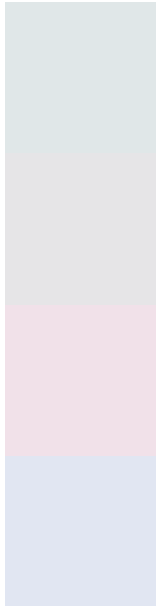
80.3969, 78.5071, 88.7579



Tritanopia

76.1718, 78.9228, 99.2146

Trichromacy



Original Color

73.8819, 78.8253, 87.6647

Protanomaly

75.0762, 78.6311, 86.8217

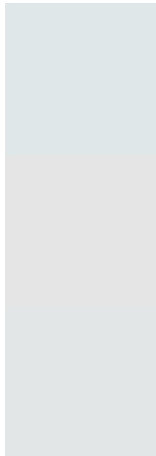
Deuteranomaly

77.9088, 78.4344, 88.1239

Tritanomaly

75.3752, 79.0120, 95.2825

Monochromacy



Original Color

73.8819, 78.8253, 87.6647

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2583, 78.6377, 86.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8819, 78.8253, 87.6647 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(224, 231, 232) looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 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(224, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.8819, 78.8253, 87.6647 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(224, 231, 232) }
```


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

```
.border{ border-color:rgb(224, 231, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8819, 78.8253, 87.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 231, 232) }
```

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

```
.background{ background-color: rgb(224,  
231, 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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