

Converting Colors

XYZ(74.1771, 78.7757, 90.0513)

Have a look what the booklet for
XYZ(74.1771, 78.7757, 90.0513)
contains.

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Color

**XYZ(74.3118, 78.9973,
89.9286)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E7EB
RGB	224, 231, 235
RGB Percent	88%, 91%, 92%
CMY	0.1216, 0.0941, 0.0784
CMYK	0.05, 0.02, 0.00, 0.08
HSL	202°, 22%, 90%
HSV	202°, 5%, 92%
XYZ	74.3118, 78.9973, 89.9286
YIQ	229.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

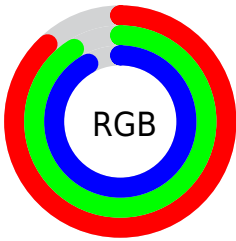
Format	Color
RYB	224, 228, 235
Decimal	14739435
CIELab	91.23, -1.59, -2.76
CIELCh	91, 3.188, 240.062
Yxy	78.9973, 0.3055, 0.3248
Android (android.graphics.Color)	4292929515 (0xFFE0E7EB)
YUV	229.3630, 2.7790, -4.7034
Hunter-Lab	88.8804, -6.2992, 2.2271

Details

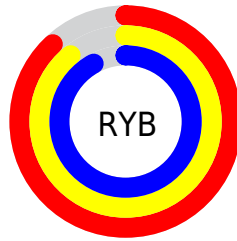
The XYZ color **74.3118, 78.9973, 89.9286** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4591, 78.5301, 81.7030**, and the grayscale version is **74.7284, 78.6201, 85.6173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8288, 42.3496, 48.7229** is the 20% darker color. If you saturate the color by 10%, you get **65.1949, 70.8382, 88.8355**, and if you desaturate by 10%, it is **84.5564, 87.9152, 91.1112**.

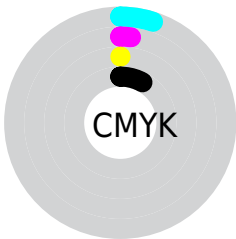
Distribution



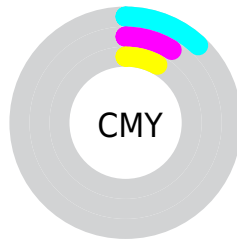
- Red (88%)
- Green (91%)
- Blue (92%)



- Red (88%)
- Yellow (89%)
- Blue (92%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3118, 78.9973, 89.9286 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 74.3118, 78.9973, 89.9286 by changing the saturation by 10% instead.

■ 74.3118, 78.9973,
89.9286

■ 74.3118, 78.9973,
89.9286

464.5825,
491.5472, 548.3627

■ 55.3415, 58.8936,
67.3480

124.3308,
131.9551, 149.1739

■ 39.9101, 42.5275,
48.9042

156.1102,
165.5779, 186.6757

■ 27.6524, 29.5145,
34.1784

192.8900,
204.4759, 229.9883

■ 18.2029, 19.4704,
22.7522

235.0356,
249.0335, 279.5303

■ 11.1963, 12.0107,
14.2071

282.9123,
299.6350, 335.7202

■ 6.2673, 6.7509,
8.1244

336.8854,

■ 3.0505, 3.3068,

356.6649, 398.9765

4.0858

397.3204,
420.5075, 469.7178

■ 1.1805, 1.2939,
1.6725

■ 0.0909, 0.1365,
0.3418

■ 74.3118, 78.9973,
89.9286

■ 74.3118, 78.9973,
89.9286

■ 65.1949, 70.8382,
88.8355

■ 84.5564, 87.9152,
91.1112

■ 57.1563, 63.4033,
87.8241

■ 89.8278, 94.4426,
92.0933

■ 50.1527, 56.6701,
86.8936

■ 91.9956, 98.7782,
92.8159

■ 44.1351, 50.6108,
86.0412

■ 39.0503, 45.1954,
85.2639

■ 34.8398, 40.3910,
84.5584

■ 31.4378, 36.1608,
83.9212

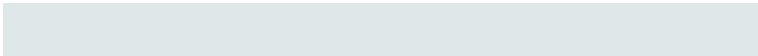
■ 28.7680, 32.4629,
83.3482

■ 26.7375, 29.2464,
82.8344

Harmonies

Analogous

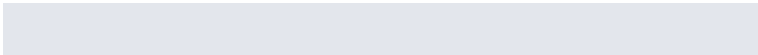
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7478, 78.9973, 88.2630



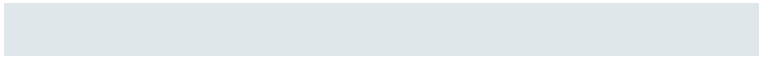
74.3118, 78.9973, 89.9286



75.0862, 78.9973, 90.5416

Triad

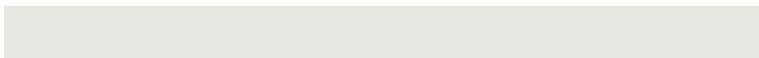
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3118, 78.9973, 89.9286



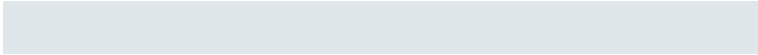
76.6491, 78.9973, 86.0098



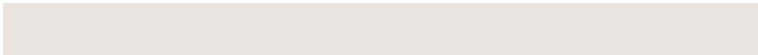
74.3089, 78.9973, 82.2205

Complementary

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



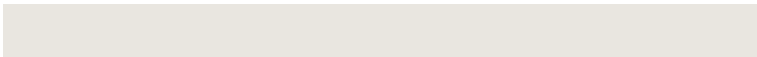
74.3118, 78.9973, 89.9286



75.4591, 78.5301, 81.7030

Split Complementary

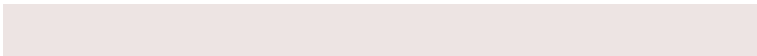
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0829, 78.9973, 81.6411



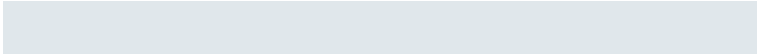
74.3118, 78.9973, 89.9286



76.4374, 78.9973, 83.8048

Square

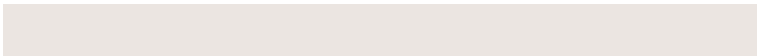
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3118, 78.9973, 89.9286



76.4391, 78.9973, 88.2546



75.8627, 78.9973, 82.2159



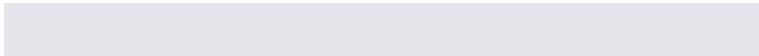
73.7462, 78.9973, 83.8129

Rectangle

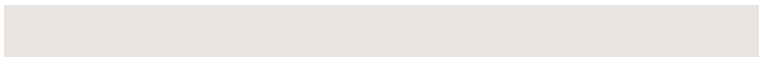
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



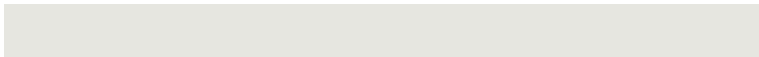
74.3118, 78.9973, 89.9286



75.6188, 78.9973, 90.2625



75.8627, 78.9973, 82.2159



74.5528, 78.9973, 81.9021

Sweetspot

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



74.3141, 79.0007, 89.9303



93.8232, 98.9299, 108.7581



74.4328, 80.8583, 84.9751



20.0950, 21.1864, 23.2802



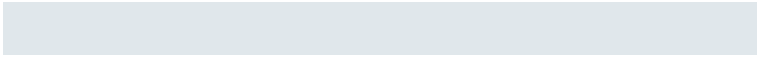
0.0000, 0.0000, 0.0000



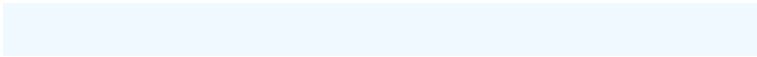
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3141, 79.0007, 89.9303



87.8957, 93.7174, 108.0644



72.8384, 76.0493, 89.4384



15.5993, 16.6545, 19.3147



14.5077, 15.6624, 46.0015



1.2301, 1.4116, 3.6425

Inverse Universe

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



75.3422, 76.7445, 86.4475



89.4797, 90.2708, 102.6919



76.9548, 81.5215, 82.2015



15.9100, 15.9811, 18.2605



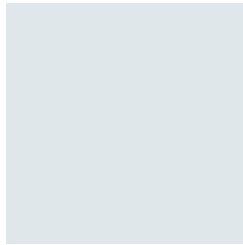
22.1781, 11.0739, 17.2712



1.7874, 0.8879, 1.5978

Previews

White Background



This preview shows how the XYZ color 74.3118, 78.9973, 89.9286 looks on a white background.

Color Contrast Check

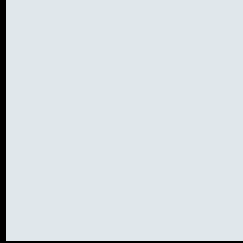
Large Text (above 18pt) WCAG AA × Fail

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 74.3118, 78.9973, 89.9286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

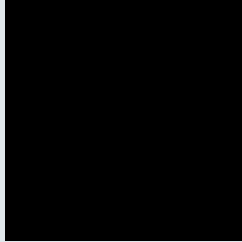
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

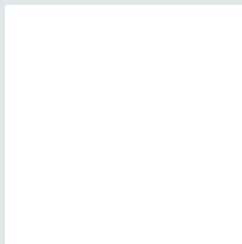
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3118, 78.9973, 89.9286

Background



This preview shows how black text looks on a background with the XYZ color 74.3118, 78.9973, 89.9286.



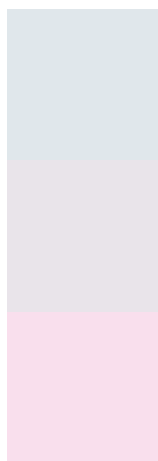
This preview shows how white text looks on a background with the XYZ color 74.3118, 78.9973,

89.9286.

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

74.3118, 78.9973, 89.9286

Protanopia

76.1990, 78.7510, 89.0262

Deuteranopia

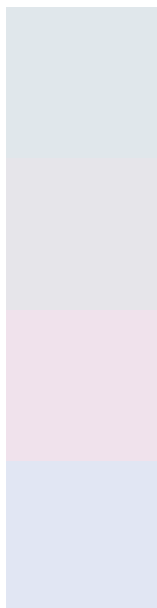
80.7407, 79.0295, 91.1195



Tritanopia

76.1718, 78.9228, 99.2146

Trichromacy



Original Color

74.3118, 78.9973, 89.9286

Protanomaly

75.5037, 78.8021, 89.0728

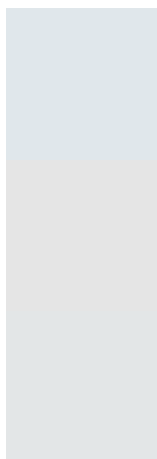
Deuteranomaly

78.2719, 78.9741, 90.4750

Tritanomaly

75.5258, 79.0722, 96.0759

Monochromacy



Original Color

74.3118, 78.9973, 89.9286

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3992, 78.6940, 86.8695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3118, 78.9973, 89.9286 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, 235) looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.3118, 78.9973, 89.9286 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, 235) }
```


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

```
.border{ border-color:rgb(224, 231, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3118, 78.9973, 89.9286 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, 235) }
```

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

```
.background{ background-color: rgb(224,  
231, 235) }
```

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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