

Converting Colors

XYZ(74.8360, 78.6185, 87.4498)

Have a look what the booklet for
XYZ(74.8360, 78.6185, 87.4498)
contains.

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Color

**XYZ(74.8979, 78.5228,
87.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E5E8
RGB	229, 229, 232
RGB Percent	90%, 90%, 91%
CMY	0.1020, 0.1019, 0.0902
CMYK	0.01, 0.01, 0.00, 0.09
HSL	240°, 6%, 90%
HSV	240°, 1%, 91%
XYZ	74.8979, 78.5228, 87.5528
YIQ	229.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

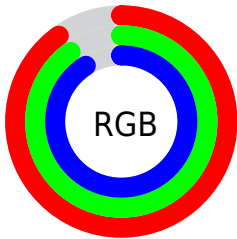
Format	Color
R _Y B	229, 229, 232
Decimal	15066600
CIE Lab	91.02, 0.54, -1.47
CIE LCh	91, 1.564, 290.351
Yxy	78.5228, 0.3108, 0.3259
Android (android.graphics.Color)	4293256680 (0xFFE5E5E8)
YUV	229.3420, 1.3104, -0.2999
Hunter-Lab	88.6131, -4.2004, 3.4486

Details

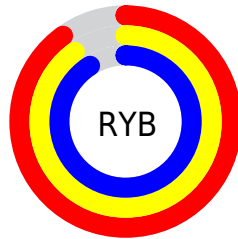
The XYZ color **74.8979, 78.5228, 87.5528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2783, 80.5253, 85.6526**, and the grayscale version is **74.7210, 78.6123, 85.6088**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4281, 42.4054, 47.1286** is the 20% darker color. If you saturate the color by 10%, you get **61.9956, 62.9824, 85.2344**, and if you desaturate by 10%, it is **89.6497, 96.2913, 90.2062**.

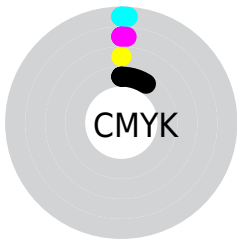
Distribution



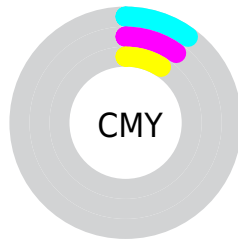
- Red (90%)
- Green (90%)
- Blue (91%)



- Red (90%)
- Yellow (90%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8979, 78.5228, 87.5528 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 74.8979, 78.5228, 87.5528 by changing the saturation by 10% instead.

■ 74.8979, 78.5228,
87.5528

■ 74.8979, 78.5228,
87.5528

466.5692,
489.9405, 540.4009

■ 55.8231, 58.5035,
65.3905

125.1565,
131.2868, 145.8401

■ 40.2976, 42.2136,
47.3245

157.0711,
164.8004, 182.8021

■ 27.9559, 29.2686,
32.9361

193.9962,
203.5809, 225.5346

■ 18.4327, 19.2841,
21.8067

236.2974,
248.0127, 274.4559

■ 11.3626, 11.8757,
13.5180

284.3399,
298.4801, 329.9847

■ 6.3804, 6.6591,
7.6513

338.4892,

■ 3.1206, 3.2498,

355.3676, 392.5394

3.7881

399.1105,
419.0596, 462.5386

■ 1.2178, 1.2635,
1.5098

■ 0.1204, 0.1127,
0.2252

■ 74.8979, 78.5228,
87.5528

■ 74.8979, 78.5228,
87.5528

■ 61.9956, 62.9824,
85.2344

■ 89.6497, 96.2913,
90.2062

■ 50.8634, 49.5726,
83.2328

■ 91.5657, 98.6063,
90.5520

■ 41.4262, 38.2038,
81.5358

■ 33.6010, 28.7759,
80.1284

■ 27.2975, 21.1804,
78.9946

■ 22.4170, 15.2984,
78.1165

■ 18.8488, 10.9967,
77.4742

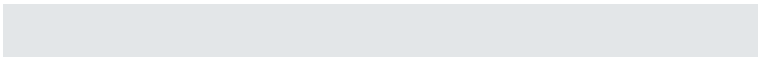
■ 16.4659, 8.1228,
77.0451

■ 15.1167, 6.4939,
76.8018

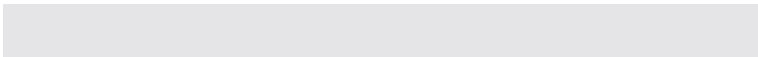
Harmonies

Analogous

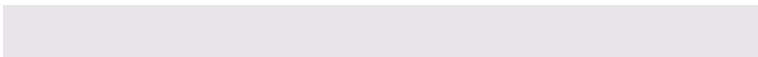
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5064, 78.5228, 87.6595



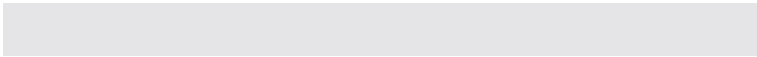
74.8979, 78.5228, 87.5528



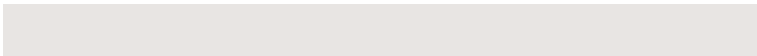
75.2196, 78.5228, 86.8929

Triad

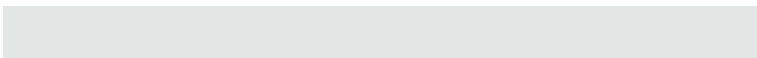
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8979, 78.5228, 87.5528



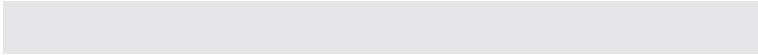
75.1190, 78.5228, 83.8348



73.8876, 78.5228, 85.1340

Complementary

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



74.8979, 78.5228, 87.5528



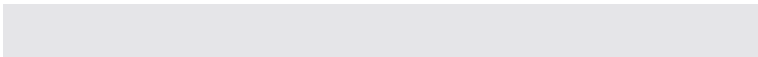
76.2783, 80.5253, 85.6526

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.



74.0505, 78.5228, 84.1181



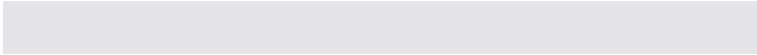
74.8979, 78.5228, 87.5528



74.7609, 78.5228, 83.3723

Square

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



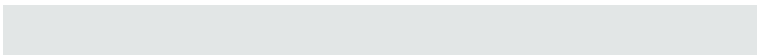
74.8979, 78.5228, 87.5528



75.3476, 78.5228, 84.7441



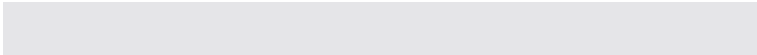
74.3699, 78.5228, 83.4756



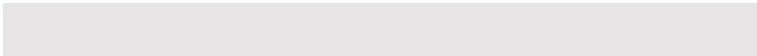
73.9240, 78.5228, 86.2564

Rectangle

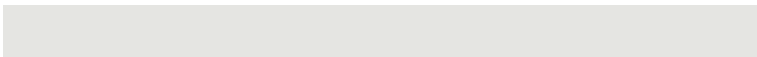
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8979, 78.5228, 87.5528



75.3508, 78.5228, 86.2312



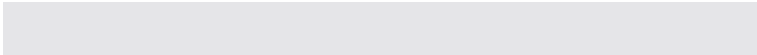
74.3699, 78.5228, 83.4756



73.9209, 78.5228, 84.7689

Sweetspot

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



74.9001, 78.5262, 87.5545

95.0500, 100.0000, 108.9000



75.7293, 80.1958, 87.7959



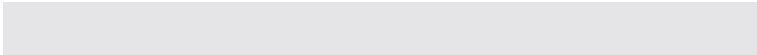
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

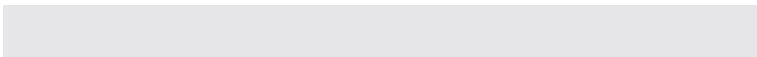
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9001, 78.5262, 87.5545



91.5950, 95.8385, 108.2789



75.3637, 78.7636, 87.5759



15.6651, 16.3964, 18.4835



8.0886, 3.2393, 42.5821



0.5982, 0.2404, 3.1468

Inverse Universe

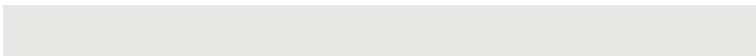
The Inverse Universe completely reimagines the original color for something new.



75.4426, 78.8531, 85.3766



92.6352, 96.4653, 104.1028



75.8106, 80.2858, 85.6310



15.8321, 16.4970, 17.8130



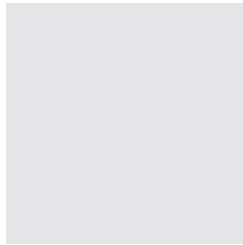
18.4763, 9.5247, 0.8710



1.3656, 0.7039, 0.0657

Previews

White Background



This preview shows how the XYZ color 74.8979, 78.5228, 87.5528 looks on a white background.

Color Contrast Check

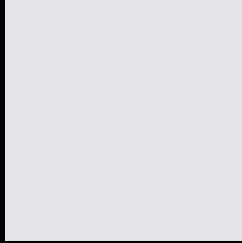
Large Text (above 18pt) WCAG AA × Fail

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 74.8979, 78.5228, 87.5528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

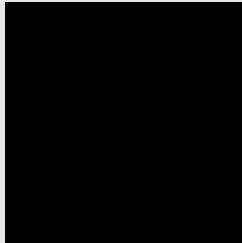
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

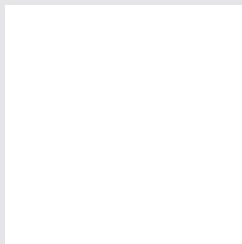
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8979, 78.5228, 87.5528

Background



This preview shows how black text looks on a background with the XYZ color 74.8979, 78.5228, 87.5528.



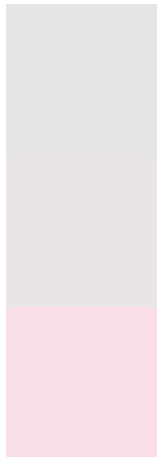
This preview shows how white text looks on a background with the XYZ color 74.8979, 78.5228,

87.5528.

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

74.8979, 78.5228, 87.5528

Protanopia

75.4459, 78.4121, 86.7599

Deuteranopia

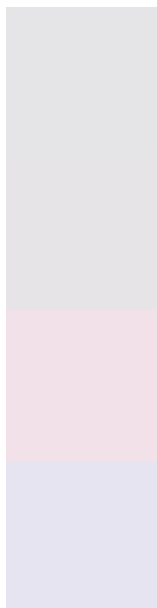
79.8962, 78.2655, 87.9866



Tritanopia

76.9055, 78.5197, 97.4887

Trichromacy



Original Color

74.8979, 78.5228, 87.5528

Protanomaly

75.1222, 78.2453, 86.7448

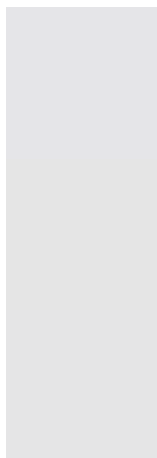
Deuteranomaly

78.2511, 78.6109, 88.1399

Tritanomaly

76.1047, 78.6011, 93.5985

Monochromacy



Original Color

74.8979, 78.5228, 87.5528

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6153, 78.4098, 86.0649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8979, 78.5228, 87.5528 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(229, 229, 232) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 229, 232) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 74.8979, 78.5228, 87.5528 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(229, 229, 232) }
```

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

```
.border{ border-color:rgb(229, 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(229, 229, 232)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 74.8979, 78.5228, 87.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(229,  
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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