

Converting Colors

XYZ(74.7276, 79.2890, 88.2227)

Have a look what the booklet for
XYZ(74.7276, 79.2890, 88.2227)
contains.

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Color

**XYZ(74.6479, 79.2038,
88.4443)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E7E9
RGB	226, 231, 233
RGB Percent	89%, 91%, 91%
CMY	0.1137, 0.0941, 0.0863
CMYK	0.03, 0.01, 0.00, 0.09
HSL	197°, 14%, 90%
HSV	197°, 3%, 91%
XYZ	74.6479, 79.2038, 88.4443
YIQ	229.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

Format	Color
R _Y B	226, 229, 233
Decimal	14870505
CIE Lab	91.33, -1.30, -1.56
CIE LCh	91, 2.034, 230.258
Yxy	79.2038, 0.3081, 0.3269
Android (android.graphics.Color)	4293060585 (0xFFE2E7E9)
YUV	229.7330, 1.6106, -3.2738
Hunter-Lab	88.9965, -6.0229, 3.3755

Details

The XYZ color **74.6479, 79.2038, 88.4443** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.0752, 78.3005, 83.1092**, and the grayscale version is **75.0088, 78.9151, 85.9385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0604, 42.4922, 47.6854** is the 20% darker color. If you saturate the color by 10%, you get **66.0084, 72.0437, 87.5188**, and if you desaturate by 10%, it is **84.3554, 87.0237, 89.4433**.

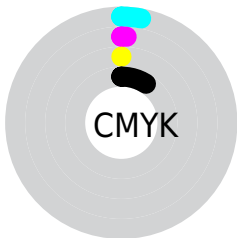
Distribution



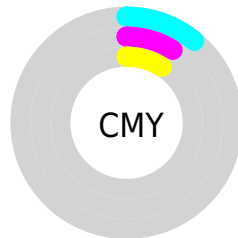
- Red (89%)
- Green (91%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6479, 79.2038, 88.4443 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 74.6479, 79.2038, 88.4443 by changing the saturation by 10% instead.

■ 74.6479, 79.2038,
88.4443

■ 74.6479, 79.2038,
88.4443

465.7223,
492.2455, 543.3961

■ 55.6176, 59.0634,
66.1247

124.8044,
132.2457, 147.0921

■ 40.1322, 42.6641,
47.9165

156.6614,
165.9160, 184.2574

■ 27.8263, 29.6217,
33.4012

193.5246,
204.8651, 227.2083

■ 18.3346, 19.5516,
22.1604

235.7594,
249.4773, 276.3634

■ 11.2916, 12.0695,
13.7753

283.7313,
300.1371, 332.1411

■ 6.3321, 6.7911,
7.8276

337.8055,

■ 3.0906, 3.3318,

357.2288, 394.9602

3.8987

398.3474,
421.1368, 465.2390

■ 1.2019, 1.3073,
1.5699

■ 0.1078, 0.1468,
0.2692

■ 74.6479, 79.2038,
88.4443

■ 74.6479, 79.2038,
88.4443

■ 66.0084, 72.0437,
87.5188

■ 84.3554, 87.0237,
89.4433

■ 58.3896, 65.5111,
86.6595

■ 88.3874, 92.0216,
90.1954

■ 51.7505, 59.5861,
85.8657

■ 90.4260, 96.0989,
90.8750

■ 46.0446, 54.2435,
85.1352

■ 91.7082, 98.6633,
91.3024

■ 41.2216, 49.4562,
84.4654

■ 37.2259, 45.1942,
83.8533

■ 33.9956, 41.4244,
83.2960

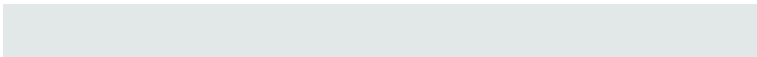
■ 31.4588, 38.1085,
82.7896

■ 29.5293, 35.2006,
82.3300

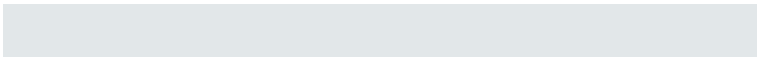
Harmonies

Analogous

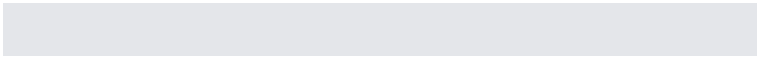
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3533, 79.2038, 87.2277



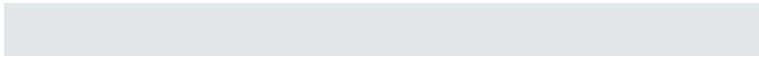
74.6479, 79.2038, 88.4443



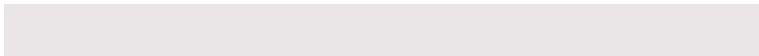
75.1130, 79.2038, 89.0722

Triad

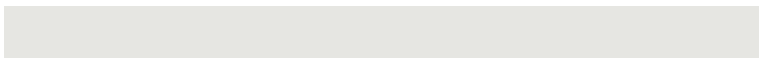
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6479, 79.2038, 88.4443



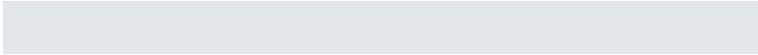
76.2636, 79.2038, 86.7215



74.9376, 79.2038, 83.5995

Complementary

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



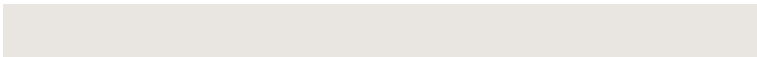
74.6479, 79.2038, 88.4443



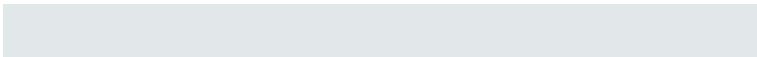
75.0752, 78.3005, 83.1092

Split Complementary

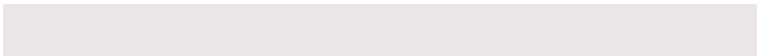
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4489, 79.2038, 83.4674



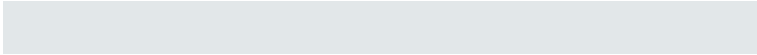
74.6479, 79.2038, 88.4443



76.2161, 79.2038, 85.2587

Square

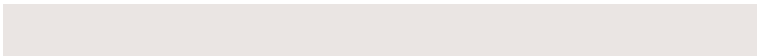
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6479, 79.2038, 88.4443



76.0468, 79.2038, 88.0701



75.9173, 79.2038, 84.0716



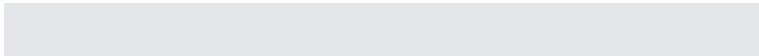
74.5200, 79.2038, 84.4344

Rectangle

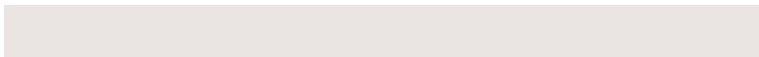
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



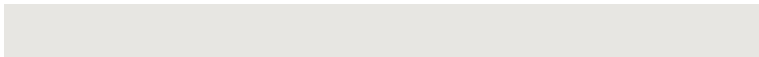
74.6479, 79.2038, 88.4443



75.4578, 79.2038, 89.0677



75.9173, 79.2038, 84.0716



75.1042, 79.2038, 83.4718

Sweetspot

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



74.6502, 79.2072, 88.4460



93.8865, 99.0565, 108.7792



74.5054, 80.0483, 84.9118



20.1079, 21.2121, 23.2845



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

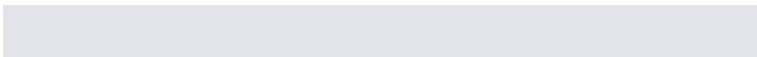
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6502, 79.2072, 88.4460



90.4756, 96.2748, 108.4221



73.6837, 77.2743, 88.1239



16.0415, 17.1043, 19.3782



16.2517, 19.1504, 46.5828



1.3574, 1.6663, 3.6850

Inverse Universe

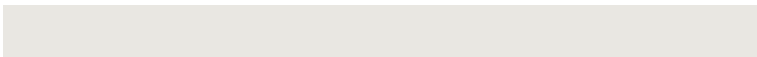
The Inverse Universe completely reimagines the original color for something new.



75.2261, 77.4873, 86.5971



91.4171, 93.4779, 105.3963



76.0443, 80.2386, 83.4322



16.2393, 16.5191, 18.7422



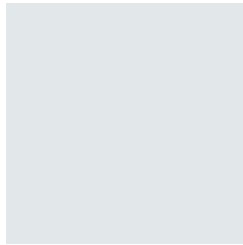
23.0584, 11.4260, 21.9067



1.8517, 0.9136, 1.9362

Previews

White Background



This preview shows how the XYZ color 74.6479, 79.2038, 88.4443 looks on a white background.

Color Contrast Check

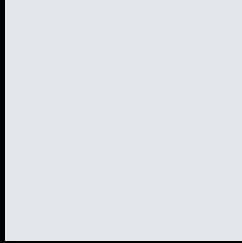
Large Text (above 18pt) WCAG AA × Fail

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 74.6479, 79.2038, 88.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

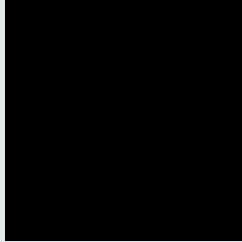
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

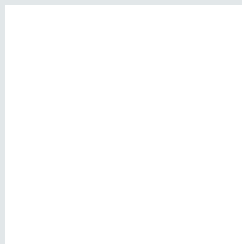
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6479, 79.2038, 88.4443

Background



This preview shows how black text looks on a background with the XYZ color 74.6479, 79.2038, 88.4443.

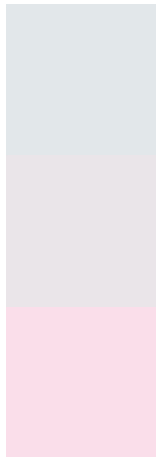


This preview shows how white text looks on a background with the XYZ color 74.6479, 79.2038,

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

74.6479, 79.2038, 88.4443

Protanopia

76.1891, 79.1885, 87.6132

Deuteranopia

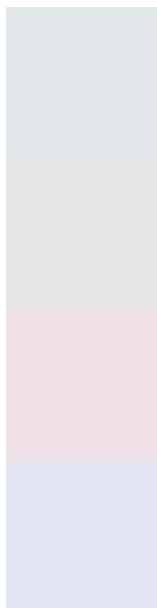
80.8074, 79.0975, 89.6056



Tritanopia

76.8027, 79.2480, 99.2441

Trichromacy



Original Color

74.6479, 79.2038, 88.4443

Protanomaly

75.4954, 79.2428, 87.6603

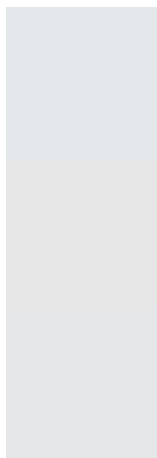
Deuteranomaly

78.3233, 79.0340, 88.9689

Tritanomaly

76.0024, 79.3353, 95.3119

Monochromacy



Original Color

74.6479, 79.2038, 88.4443

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0337, 79.0212, 86.8992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6479, 79.2038, 88.4443 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, 231, 233) looks like.

```
.text, #text, p{  
    color:rgb(226, 231, 233)  
}
```

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, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 231, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.6479, 79.2038, 88.4443 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, 231, 233) }
```


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

```
.border{ border-color:rgb(226, 231, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 231, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(226, 231,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6479, 79.2038, 88.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 231, 233) }
```

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

```
.background{ background-color: rgb(226,  
231, 233) }
```

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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