

Converting Colors

XYZ(75.6133, 79.7927, 88.2231)

Have a look what the booklet for
XYZ(75.6133, 79.7927, 88.2231)
contains.

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Color

**XYZ(75.5970, 79.6930,
88.4887)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E7E9
RGB	229, 231, 233
RGB Percent	90%, 91%, 91%
CMY	0.1020, 0.0941, 0.0863
CMYK	0.02, 0.01, 0.00, 0.09
HSL	210°, 8%, 91%
HSV	210°, 2%, 91%
XYZ	75.5970, 79.6930, 88.4887
YIQ	230.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

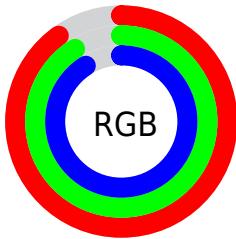
Format	Color
R _Y B	229, 230, 233
Decimal	15067113
CIE Lab	91.55, -0.30, -1.21
CIE LCh	92, 1.252, 255.960
Yxy	79.6930, 0.3101, 0.3269
Android (android.graphics.Color)	4293257193 (0xFFE5E7E9)
YUV	230.6300, 1.1684, -1.4295
Hunter-Lab	89.2709, -5.0656, 3.7192

Details

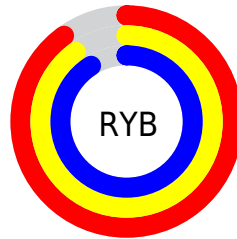
The XYZ color **75.5970, 79.6930, 88.4887** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3232, 80.1318, 85.5743**, and the grayscale version is **75.6752, 79.6162, 86.7020**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7213, 42.8329, 47.7163** is the 20% darker color. If you saturate the color by 10%, you get **65.5090, 69.8224, 87.1164**, and if you desaturate by 10%, it is **86.9036, 90.5174, 89.9833**.

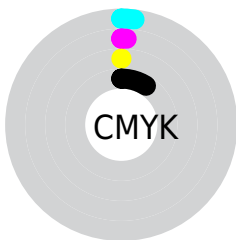
Distribution



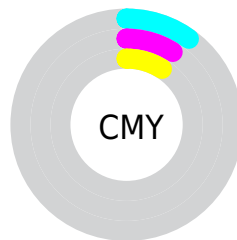
- Red (90%)
- Green (91%)
- Blue (91%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5970, 79.6930, 88.4887 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 75.5970, 79.6930, 88.4887 by changing the saturation by 10% instead.

■ 75.5970, 79.6930,
88.4887

■ 75.5970, 79.6930,
88.4887

468.9327,
493.8976, 543.5450

■ 56.3980, 59.4658,
66.1612

126.1405,
132.9340, 147.1545

■ 40.7604, 42.9882,
47.9460

158.2157,
166.7166, 184.3298

■ 28.3187, 29.8758,
33.4244

195.3137,
205.7864, 227.2916

■ 18.7077, 19.7444,
22.1780

237.7998,
250.5278, 276.4583

■ 11.5620, 12.2094,
13.7882

286.0394,
301.3252, 332.2484

■ 6.5163, 6.8864,
7.8364

340.3978,

■ 3.2051, 3.3912,

358.5631, 395.0806

3.9042

401.2405,
422.6258, 465.3732

■ 1.2631, 1.3392,
1.5729

■ 0.1554, 0.1713,
0.2714

■ 75.5970, 79.6930,
88.4887

■ 75.5970, 79.6930,
88.4887

■ 65.5090, 69.8224,
87.1164

■ 86.9036, 90.5174,
89.9833

■ 56.5891, 60.8665,
85.8578

■ 91.4733, 98.1935,
91.2241

■ 48.7934, 52.7986,
84.7115

■ 91.7082, 98.6633,
91.3024

■ 42.0721, 45.5864,
83.6736

■ 36.3716, 39.1956,
82.7405

■ 31.6332, 33.5889,
81.9081

■ 27.7919, 28.7253,
81.1718

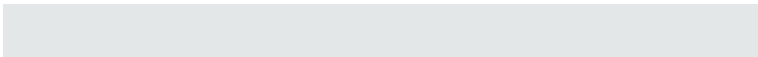
■ 24.7731, 24.5589,
80.5267

■ 22.4883, 21.0360,
79.9671

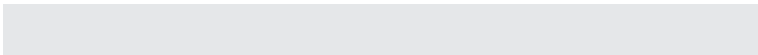
Harmonies

Analogous

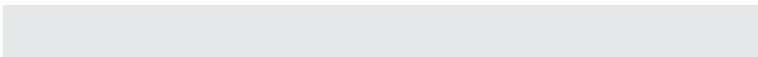
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3199, 79.6930, 88.0419



75.5970, 79.6930, 88.4887



75.9147, 79.6930, 88.4732

Triad

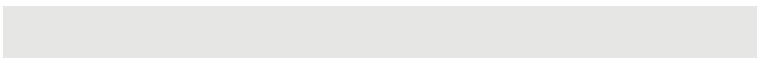
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5970, 79.6930, 88.4887



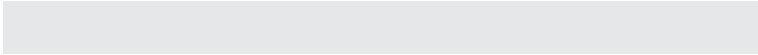
76.3375, 79.6930, 86.2897



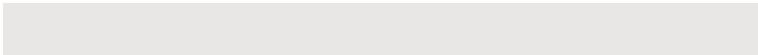
75.3054, 79.6930, 85.5559

Complementary

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



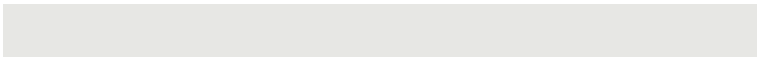
75.5970, 79.6930, 88.4887



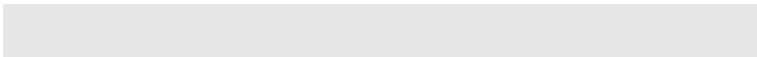
76.3232, 80.1318, 85.5743

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.



75.5772, 79.6930, 85.0930



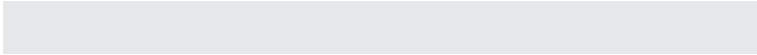
75.5970, 79.6930, 88.4887



76.1733, 79.6930, 85.5146

Square

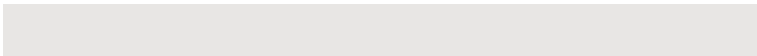
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



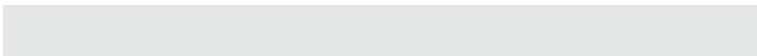
75.5970, 79.6930, 88.4887



76.3428, 79.6930, 87.1993



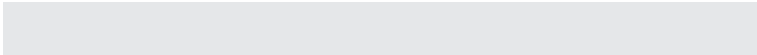
75.8948, 79.6930, 85.0779



75.1519, 79.6930, 86.3464

Rectangle

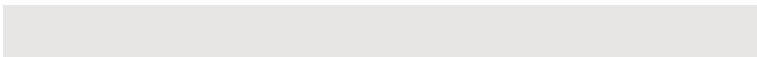
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



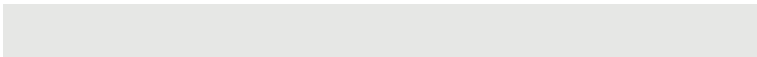
75.5970, 79.6930, 88.4887



76.1068, 79.6930, 88.2028



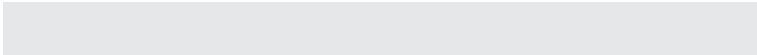
75.8948, 79.6930, 85.0779



75.3859, 79.6930, 85.3570

Sweetspot

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



75.5993, 79.6964, 88.4904



93.7134, 98.7103, 108.7215



75.8676, 80.7029, 87.1317



20.0726, 21.1417, 23.2728



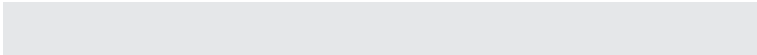
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

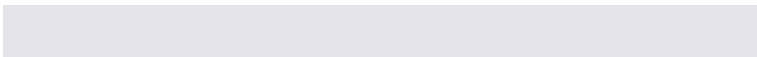
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5993, 79.6964, 88.4904



92.3919, 97.4323, 108.5445



75.0601, 78.6180, 88.3107



16.5530, 17.4537, 19.4187



12.0605, 10.7680, 45.1857



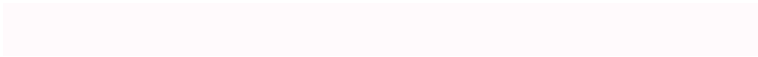
1.0433, 1.0380, 3.5802

Inverse Universe

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



76.0491, 79.1333, 86.8713



93.0374, 96.6262, 106.2209



76.8684, 81.2222, 85.7560



16.6619, 17.3177, 19.0269



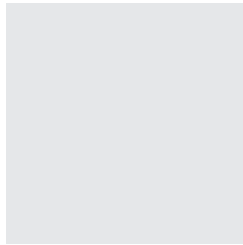
20.9429, 10.5798, 10.7666



1.6931, 0.8502, 1.1012

Previews

White Background



This preview shows how the XYZ color 75.5970, 79.6930, 88.4887 looks on a white background.

Color Contrast Check

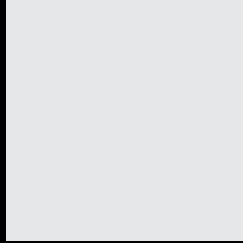
Large Text (above 18pt) WCAG AA × Fail

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 75.5970, 79.6930, 88.4887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

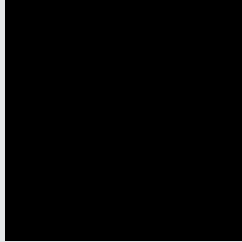
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

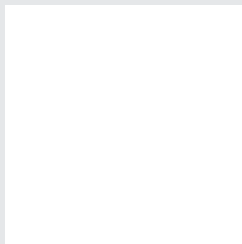
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5970, 79.6930, 88.4887

Background



This preview shows how black text looks on a background with the XYZ color 75.5970, 79.6930, 88.4887.



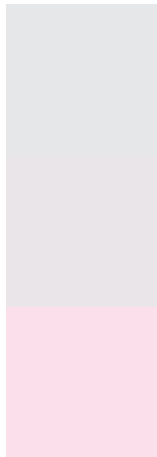
This preview shows how white text looks on a background with the XYZ color 75.5970, 79.6930,

88.4887.

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

75.5970, 79.6930, 88.4887

Protanopia

76.5165, 79.3572, 87.6286

Deuteranopia

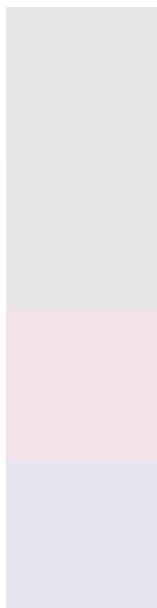
81.1667, 79.2827, 89.6224



Tritanopia

77.7628, 79.7429, 99.2891

Trichromacy



Original Color

75.5970, 79.6930, 88.4887

Protanomaly

76.1410, 79.5756, 87.6905

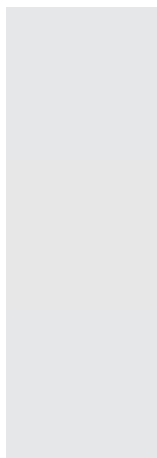
Deuteranomaly

79.0098, 79.3879, 89.0010

Tritanomaly

76.9570, 79.8274, 95.3566

Monochromacy



Original Color

75.5970, 79.6930, 88.4887

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7745, 79.8010, 87.7533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5970, 79.6930, 88.4887 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, 231, 233) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 231, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.5970, 79.6930, 88.4887 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, 231, 233) }
```


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

```
.border{ border-color:rgb(229, 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(229, 231, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(229, 231,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5970, 79.6930, 88.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 231, 233) }
```

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

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