

Converting Colors

XYZ(73.4019, 76.8762, 86.8013)

Have a look what the booklet for
XYZ(73.4019, 76.8762, 86.8013)
contains.

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Color

**XYZ(73.2569, 76.8764,
86.5789)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E3E7
RGB	226, 227, 231
RGB Percent	89%, 89%, 91%
CMY	0.1137, 0.1098, 0.0941
CMYK	0.02, 0.02, 0.00, 0.09
HSL	228°, 9%, 90%
HSV	228°, 2%, 91%
XYZ	73.2569, 76.8764, 86.5789
YIQ	227.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

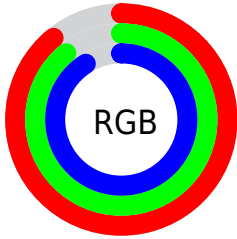
Format	Color
R _Y B	226, 227, 231
Decimal	14869479
CIE Lab	90.26, 0.39, -2.07
CIE LCh	90, 2.110, 280.732
Yxy	76.8764, 0.3095, 0.3248
Android (android.graphics.Color)	4293059559 (0xFFE2E3E7)
YUV	227.1570, 1.8946, -1.0147
Hunter-Lab	87.6792, -4.2999, 2.8295

Details

The XYZ color **73.2569, 76.8764, 86.5789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9794, 79.0727, 83.2634**, and the grayscale version is **73.1173, 76.9251, 83.7715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2850, 41.2581, 46.4505** is the 20% darker color. If you saturate the color by 10%, you get **61.7141, 63.8289, 84.6700**, and if you desaturate by 10%, it is **86.3215, 91.5166, 88.7173**.

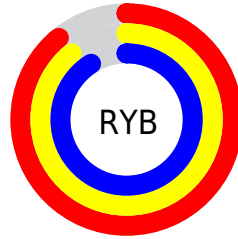
Distribution



Red (89%)

Green (89%)

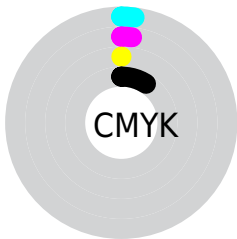
Blue (91%)



Red (89%)

Yellow (89%)

Blue (91%)

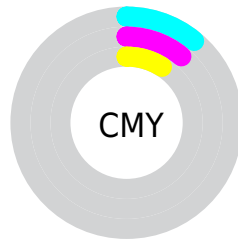


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2569, 76.8764, 86.5789 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 73.2569, 76.8764, 86.5789 by changing the saturation by 10% instead.

■ 73.2569, 76.8764,
86.5789

■ 73.2569, 76.8764,
86.5789

460.9947,
484.3425, 537.1184

■ 54.4752, 57.1514,
64.5891

122.8430,
128.9650, 144.4707

■ 39.2139, 41.1268,
46.6788

154.3781,
162.0974, 181.2099

■ 27.1076, 28.4182,
32.4293

190.8950,
200.4678, 223.7026

■ 17.7911, 18.6411,
21.4221

232.7592,
244.4605, 272.3674

■ 10.8989, 11.4113,
13.2386

280.3359,
294.4599, 327.6229

■ 6.0657, 6.3442,
7.4604

333.9904,

■ 2.9261, 3.0555,

350.8504, 389.8875

3.6689

394.0883,
414.0165, 459.5798

■ 1.1148, 1.1608,
1.4455

■ 0.0374, 0.0293,
0.1768

■ 73.2569, 76.8764,
86.5789

■ 73.2569, 76.8764,
86.5789

■ 61.7141, 63.8289,
84.6700

■ 86.3215, 91.5166,
88.7173

■ 51.6308, 52.3103,
82.9781

■ 91.4240, 98.5496,
89.8059

■ 42.9500, 42.2668,
81.4971

■ 35.6084, 33.6378,
80.2185

■ 29.5377, 26.3584,
79.1334

■ 24.6636, 20.3584,
78.2321

■ 20.9036, 15.5609,
77.5043

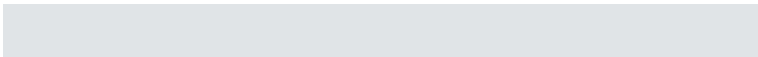
■ 18.1642, 11.8806,
76.9383

■ 16.3355, 9.2194,
76.5210

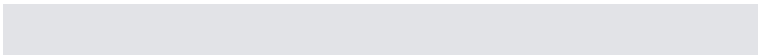
Harmonies

Analogous

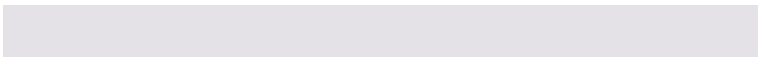
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7360, 76.8764, 86.4650



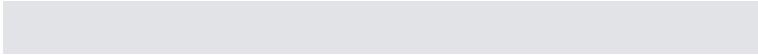
73.2569, 76.8764, 86.5789



73.7296, 76.8764, 85.9159

Triad

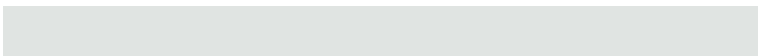
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2569, 76.8764, 86.5789



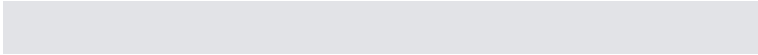
73.8366, 76.8764, 81.8325



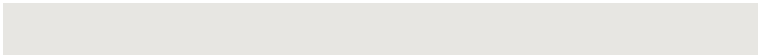
72.1197, 76.8764, 82.7547

Complementary

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



73.2569, 76.8764, 86.5789



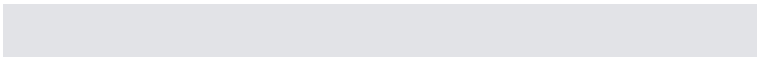
74.9794, 79.0727, 83.2634

Split Complementary

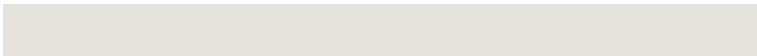
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4118, 76.8764, 81.5330



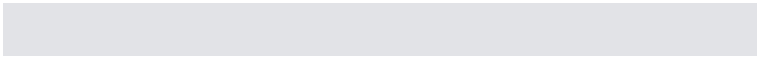
73.2569, 76.8764, 86.5789



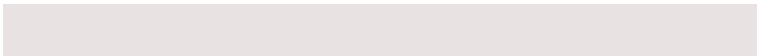
73.4024, 76.8764, 81.0050

Square

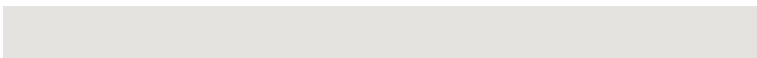
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



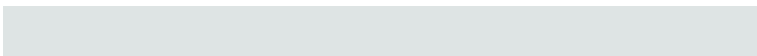
73.2569, 76.8764, 86.5789



74.0653, 76.8764, 83.1680



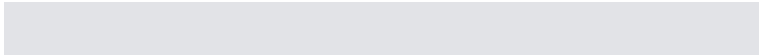
72.8808, 76.8764, 80.8961



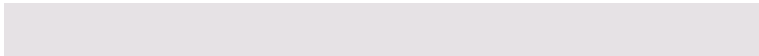
72.0811, 76.8764, 84.2450

Rectangle

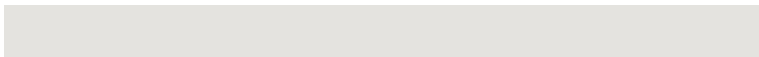
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2569, 76.8764, 86.5789



73.9531, 76.8764, 85.1271



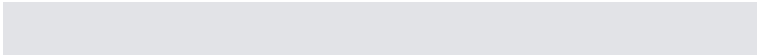
72.8808, 76.8764, 80.8961



72.1914, 76.8764, 82.2994

Sweetspot

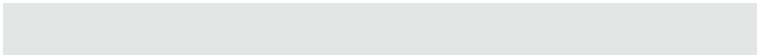
The Sweet Spot groups the original color and five complimentary colors.



73.2591, 76.8797, 86.5806



93.4713, 98.2261, 108.6408



74.2123, 79.0303, 86.1457



20.0234, 21.0431, 23.2563



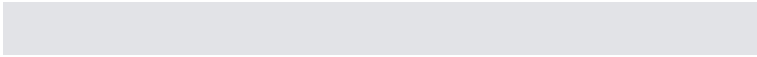
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

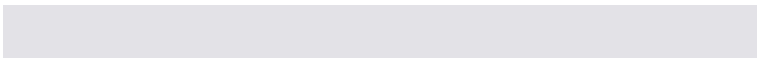
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2591, 76.8797, 86.5806



90.3717, 94.7385, 108.1310



73.4315, 76.5622, 86.5102



15.2238, 15.9440, 18.4194



8.7120, 4.4861, 42.7899



0.7087, 0.4613, 3.1836

Inverse Universe

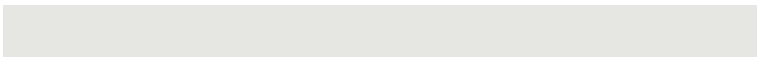
The Inverse Universe completely reimagines the original color for something new.



74.0182, 76.9291, 83.6245



91.6889, 94.8282, 103.0002



74.8041, 79.3982, 83.3354



15.5043, 15.9638, 17.3266



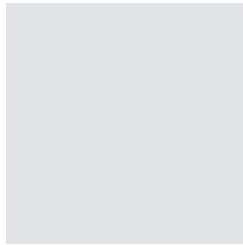
18.7909, 9.6506, 2.5280



1.4213, 0.7262, 0.3593

Previews

White Background



This preview shows how the XYZ color 73.2569, 76.8764, 86.5789 looks on a white background.

Color Contrast Check

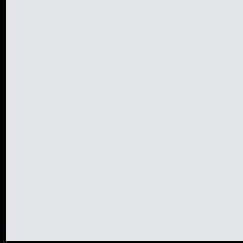
Large Text (above 18pt) WCAG AA × Fail

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 73.2569, 76.8764, 86.5789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

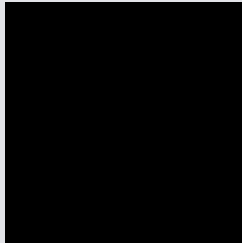
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

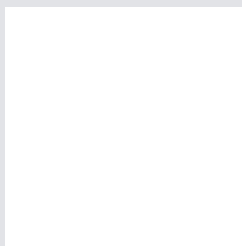
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2569, 76.8764, 86.5789

Background



This preview shows how black text looks on a background with the XYZ color 73.2569, 76.8764, 86.5789.



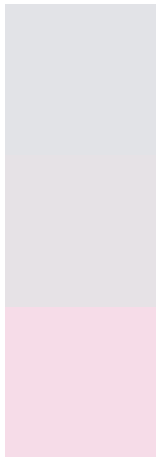
This preview shows how white text looks on a background with the XYZ color 73.2569, 76.8764,

86.5789.

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

73.2569, 76.8764, 86.5789

Protanopia

74.1124, 76.9289, 85.8055

Deuteranopia

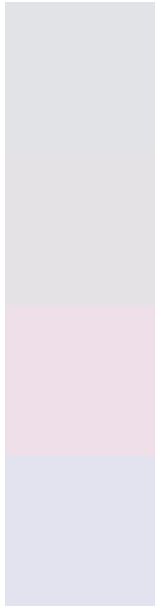
78.1647, 76.6054, 87.0105



Tritanopia

75.0978, 76.8155, 95.6628

Trichromacy



Original Color

73.2569, 76.8764, 86.5789

Protanomaly

73.7924, 76.7639, 85.7905

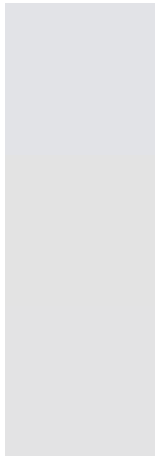
Deuteranomaly

76.5498, 76.9523, 87.1626

Tritanomaly

74.4549, 76.9556, 92.5911

Monochromacy



Original Color

73.2569, 76.8764, 86.5789

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1512, 76.8705, 84.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2569, 76.8764, 86.5789 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, 227, 231) looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 231)  
}
```

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, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.2569, 76.8764, 86.5789 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, 227, 231) }
```


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

```
.border{ border-color:rgb(226, 227, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2569, 76.8764, 86.5789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 231) }
```

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

```
.background{ background-color: rgb(226,  
227, 231) }
```

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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