

Converting Colors

XYZ(73.1110, 76.2140, 88.2152)

Have a look what the booklet for
XYZ(73.1110, 76.2140, 88.2152)
contains.

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Color

**XYZ(73.2684, 76.4447,
87.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2E9
RGB	226, 226, 233
RGB Percent	89%, 89%, 91%
CMY	0.1137, 0.1137, 0.0863
CMYK	0.03, 0.03, 0.00, 0.09
HSL	240°, 14%, 90%
HSV	240°, 3%, 91%
XYZ	73.2684, 76.4447, 87.9844
YIQ	226.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

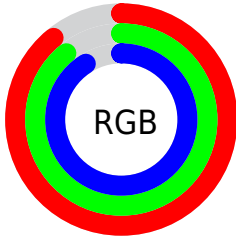
Format	Color
R _Y B	226, 226, 233
Decimal	14869225
CIE Lab	90.07, 1.28, -3.41
CIE LCh	90, 3.644, 290.492
Yxy	76.4447, 0.3082, 0.3216
Android (android.graphics.Color)	4293059305 (0xFFE2E2E9)
YUV	226.7980, 3.0576, -0.6998
Hunter-Lab	87.4327, -3.4245, 1.5387

Details

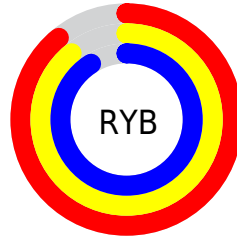
The XYZ color **73.2684, 76.4447, 87.9844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4708, 81.0916, 83.5745**, and the grayscale version is **72.8485, 76.6423, 83.4634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2933, 40.9581, 47.4297** is the 20% darker color. If you saturate the color by 10%, you get **60.5449, 61.1165, 85.6975**, and if you desaturate by 10%, it is **87.8492, 94.0113, 90.6078**.

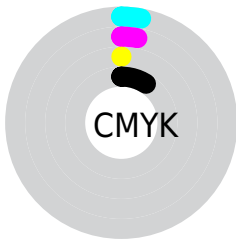
Distribution



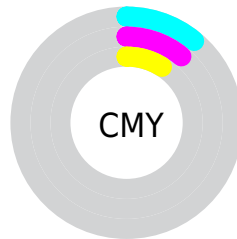
- Red (89%)
- Green (89%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2684, 76.4447, 87.9844 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 73.2684, 76.4447, 87.9844 by changing the saturation by 10% instead.

■ 73.2684, 76.4447,
87.9844

■ 73.2684, 76.4447,
87.9844

461.0339,
482.8686, 541.8521

■ 54.4846, 56.7972,
65.7459

122.8592,
128.3553, 146.4464

■ 39.2214, 40.8425,
47.6110

154.3970,
161.3873, 183.5069

■ 27.1135, 28.1960,
33.1611

190.9168,
199.6495, 226.3453

■ 17.7955, 18.4735,
21.9778

232.7840,
243.5264, 275.3799

■ 10.9021, 11.2904,
13.6424

280.3640,
293.4024, 331.0293

■ 6.0678, 6.2625,
7.7365

334.0220,

■ 2.9274, 3.0054,

349.6618, 393.7122

3.8414

394.1236,
412.6891, 463.8469

■ 1.1155, 1.1345,
1.5388

■ 0.0380, 0.0072,
0.2466

■ 73.2684, 76.4447,
87.9844

■ 73.2684, 76.4447,
87.9844

■ 60.5449, 61.1165,
85.6975

■ 87.8492, 94.0113,
90.6078

■ 49.5979, 47.9276,
83.7288

■ 91.7082, 98.6633,
91.3023

■ 40.3504, 36.7859,
82.0656

■ 32.7172, 27.5887,
80.6927

■ 26.6059, 20.2248,
79.5934

■ 21.9145, 14.5713,
78.7494

■ 18.5287, 10.4907,
78.1403

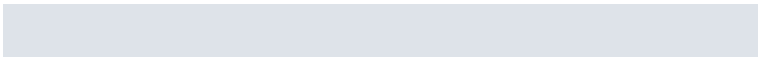
■ 16.3166, 7.8240,
77.7421

■ 15.1185, 6.3791,
77.5264

Harmonies

Analogous

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



72.3717, 76.4447, 88.2405



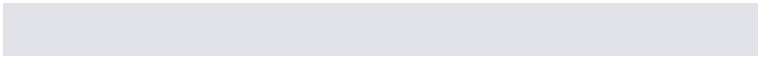
73.2684, 76.4447, 87.9844



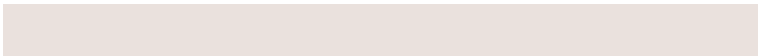
74.0073, 76.4447, 86.4415

Triad

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



73.2684, 76.4447, 87.9844



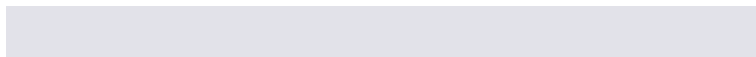
73.7695, 76.4447, 79.4545



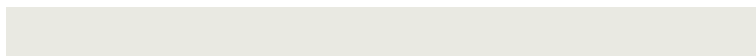
70.9581, 76.4447, 82.4160

Complementary

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



73.2684, 76.4447, 87.9844



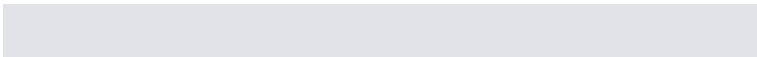
76.4708, 81.0916, 83.5745

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.



71.3260, 76.4447, 80.1093



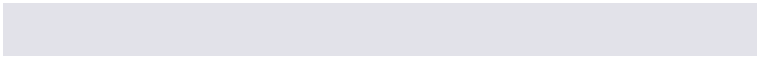
73.2684, 76.4447, 87.9844



72.9458, 76.4447, 78.4230

Square

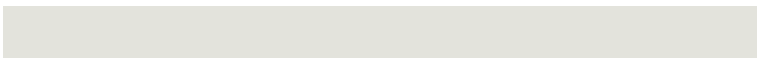
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



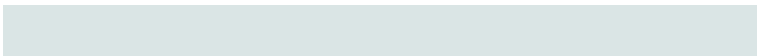
73.2684, 76.4447, 87.9844



74.2983, 76.4447, 81.5053



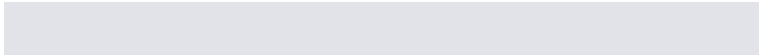
72.0518, 76.4447, 78.6602



71.0428, 76.4447, 84.9896

Rectangle

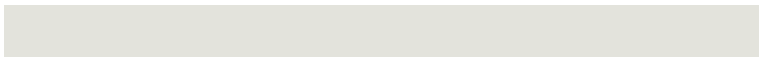
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2684, 76.4447, 87.9844



74.3086, 76.4447, 84.9082



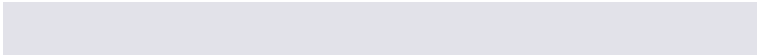
72.0518, 76.4447, 78.6602



71.0328, 76.4447, 81.5845

Sweetspot

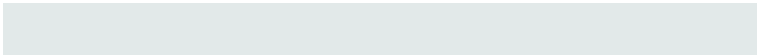
The Sweet Spot groups the original color and five complimentary colors.



73.2706, 76.4480, 87.9861



93.3104, 97.9042, 108.5872



75.1954, 80.3243, 88.5455



19.9906, 20.9776, 23.2454



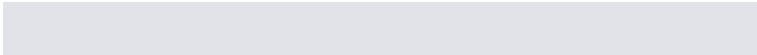
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.2706, 76.4480, 87.9861



88.2300, 91.7836, 107.6735



74.3411, 76.9983, 88.0359



15.5713, 16.1639, 19.2215



8.3467, 3.3403, 43.9478



0.6556, 0.2627, 3.4510

Inverse Universe

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



74.5298, 77.2088, 82.9301



90.2837, 93.0246, 99.4276



75.3778, 80.5297, 83.5237



16.0019, 16.4241, 17.4925



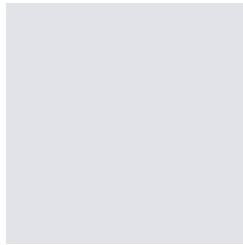
19.0683, 9.8300, 0.8951



1.4974, 0.7719, 0.0709

Previews

White Background



This preview shows how the XYZ color 73.2684, 76.4447, 87.9844 looks on a white background.

Color Contrast Check

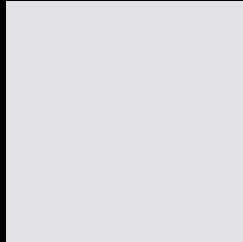
Large Text (above 18pt) WCAG AA × Fail

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 73.2684, 76.4447, 87.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

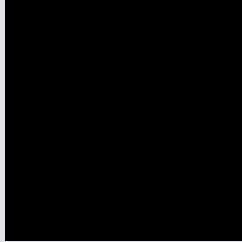
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

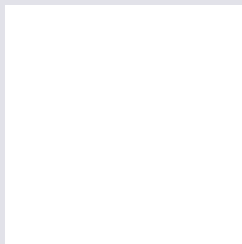
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2684, 76.4447, 87.9844

Background



This preview shows how black text looks on a background with the XYZ color 73.2684, 76.4447, 87.9844.



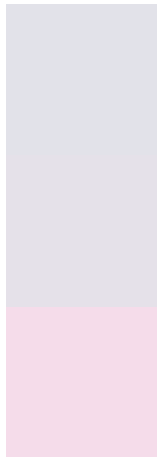
This preview shows how white text looks on a background with the XYZ color 73.2684, 76.4447,

87.9844.

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

73.2684, 76.4447, 87.9844

Protanopia

73.9463, 76.3916, 87.9385

Deuteranopia

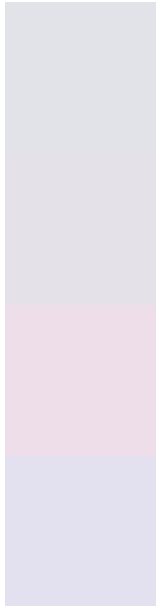
78.1007, 76.5394, 88.4991



Tritanopia

74.6308, 76.5921, 94.8547

Trichromacy



Original Color

73.2684, 76.4447, 87.9844

Protanomaly

73.6281, 76.2276, 87.9236

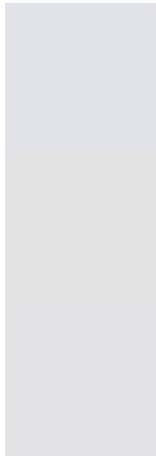
Deuteranomaly

76.2325, 76.3602, 88.5630

Tritanomaly

74.1838, 76.4133, 92.5007

Monochromacy



Original Color

73.2684, 76.4447, 87.9844

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2905, 76.9262, 85.1142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2684, 76.4447, 87.9844 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, 226, 233) looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 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, 226, 233) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 73.2684, 76.4447, 87.9844 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, 226, 233) }
```


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

```
.border{ border-color:rgb(226, 226, 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, 226, 233)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 73.2684, 76.4447, 87.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(226,  
226, 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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