

Converting Colors

XYZ(73.0035, 76.5758, 86.9350)

Have a look what the booklet for
XYZ(73.0035, 76.5758, 86.9350)
contains.

XYZ(73.0859, 76.7719, 87.3104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0859, 76.7719,
87.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E3E8
RGB	225, 227, 232
RGB Percent	88%, 89%, 91%
CMY	0.1176, 0.1098, 0.0902
CMYK	0.03, 0.02, 0.00, 0.09
HSL	223°, 13%, 90%
HSV	223°, 3%, 91%
XYZ	73.0859, 76.7719, 87.3104
YIQ	226.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

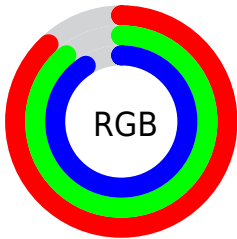
Format	Color
R_{YB}	225, 227, 232
Decimal	14803944
CIE Lab	90.22, 0.24, -2.68
CIE LCh	90, 2.687, 275.199
Yxy	76.7719, 0.3082, 0.3237
Android (android.graphics.Color)	4292994024 (0xFFE1E3E8)
YUV	226.9720, 2.4788, -1.7294
Hunter-Lab	87.6196, -4.4425, 2.2529

Details

The XYZ color **73.0859, 76.7719, 87.3104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1663, 79.1849, 82.5578**, and the grayscale version is **72.9792, 76.7798, 83.6132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1666, 41.1857, 46.9596** is the 20% darker color. If you saturate the color by 10%, you get **62.0260, 64.6689, 85.5584**, and if you desaturate by 10%, it is **85.5685, 90.2593, 89.2570**.

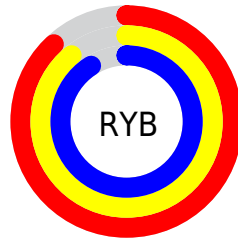
Distribution



Red (88%)

Green (89%)

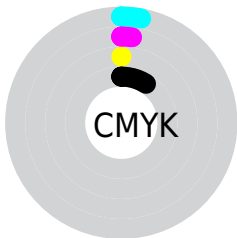
Blue (91%)



Red (88%)

Yellow (89%)

Blue (91%)

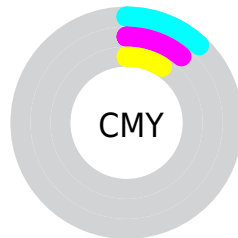


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0859, 76.7719, 87.3104 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 73.0859, 76.7719, 87.3104 by changing the saturation by 10% instead.

■ 73.0859, 76.7719,
87.3104

■ 73.0859, 76.7719,
87.3104

460.4117,
483.9860, 539.5850

■ 54.3348, 57.0657,
65.1910

122.6016,
128.8174, 145.4994

■ 39.1012, 41.0580,
47.1637

154.0970,
161.9256, 182.4061

■ 27.0195, 28.3644,
32.8098

190.5712,
200.2698, 225.0789

■ 17.7245, 18.6005,
21.7108

232.3895,
244.2345, 273.9365

■ 10.8509, 11.3820,
13.4483

279.9174,
294.2040, 329.3974

■ 6.0332, 6.3244,
7.6036

333.5201,

■ 2.9061, 3.0433,

350.5629, 391.8801

3.7583

393.5631,
413.6954, 461.8031

■ 1.1043, 1.1544,
1.4937

■ 0.0287, 0.0240,
0.2132

■ 73.0859, 76.7719,
87.3104

■ 73.0859, 76.7719,
87.3104

■ 62.0260, 64.6689,
85.5584

■ 85.5685, 90.2593,
89.2570

■ 52.3307, 53.8957,
83.9899

■ 91.5657, 98.6063,
90.5520

■ 43.9473, 44.4084,
82.6006

■ 36.8173, 36.1568,
81.3836

■ 30.8774, 29.0874,
80.3322

■ 26.0587, 23.1424,
79.4386

■ 22.2845, 18.2586,
78.6949

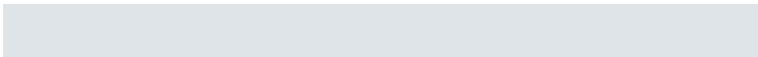
■ 19.4678, 14.3657,
78.0919

■ 17.5052, 11.3830,
77.6197

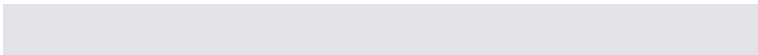
Harmonies

Analogous

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



72.4317, 76.7719, 86.9770



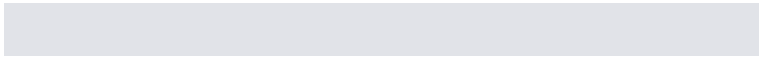
73.0859, 76.7719, 87.3104



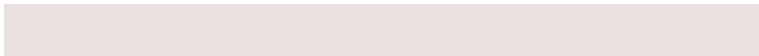
73.7126, 76.7719, 86.6350

Triad

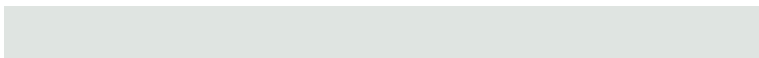
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0859, 76.7719, 87.3104



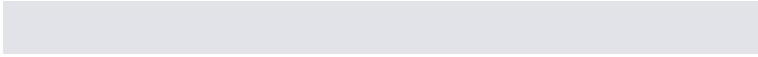
74.0245, 76.7719, 81.4881



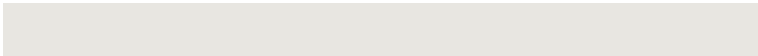
71.8091, 76.7719, 82.0573

Complementary

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



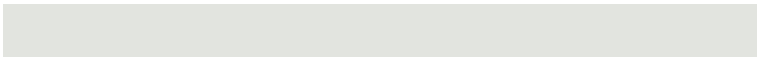
73.0859, 76.7719, 87.3104



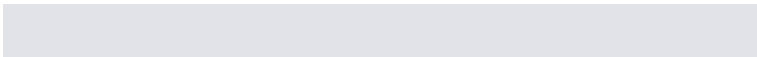
75.1663, 79.1849, 82.5578

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.



72.2312, 76.7719, 80.6202



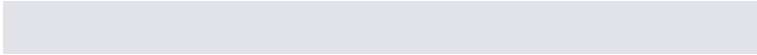
73.0859, 76.7719, 87.3104



73.5097, 76.7719, 80.2951

Square

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



73.0859, 76.7719, 87.3104



74.2566, 76.7719, 83.2585



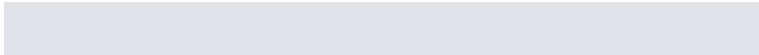
72.8530, 76.7719, 79.9798



71.6971, 76.7719, 83.9255

Rectangle

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



73.0859, 76.7719, 87.3104



74.0297, 76.7719, 85.7095



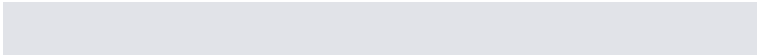
72.8530, 76.7719, 79.9798



71.9193, 76.7719, 81.5087

Sweetspot

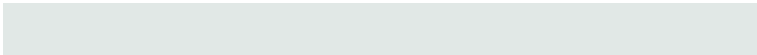
The Sweet Spot groups the original color and five complimentary colors.



73.0881, 76.7752, 87.3121



93.5402, 98.3638, 108.6638



74.1780, 79.4296, 86.2123



20.0374, 21.0712, 23.2610



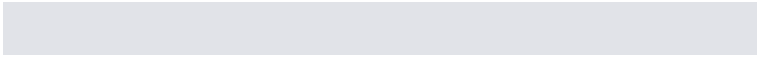
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

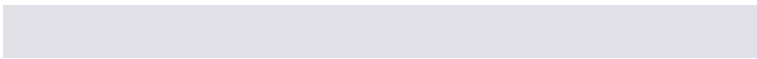
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0881, 76.7752, 87.3121



89.1177, 93.5591, 107.9694



72.9815, 75.9113, 87.1510



15.0352, 15.7778, 18.3973



9.2741, 5.6104, 42.9773



0.7627, 0.5694, 3.2017

Inverse Universe

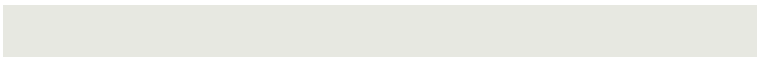
The Inverse Universe completely reimagines the original color for something new.



74.0708, 76.5537, 83.5493



90.7317, 93.2038, 101.7871



75.2745, 80.0732, 82.7236



15.3576, 15.7080, 17.1620



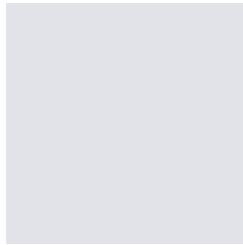
19.0747, 9.7641, 4.0222



1.4486, 0.7372, 0.5030

Previews

White Background



This preview shows how the XYZ color 73.0859, 76.7719, 87.3104 looks on a white background.

Color Contrast Check

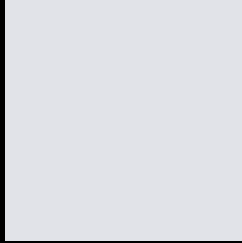
Large Text (above 18pt) WCAG AA × Fail

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 73.0859, 76.7719, 87.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

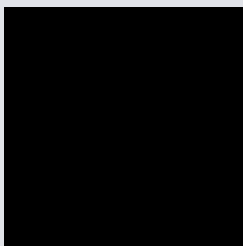
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

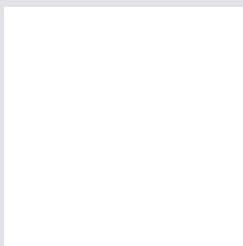
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0859, 76.7719, 87.3104

Background



This preview shows how black text looks on a background with the XYZ color 73.0859, 76.7719, 87.3104.



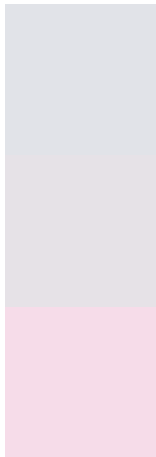
This preview shows how white text looks on a background with the XYZ color 73.0859, 76.7719,

87.3104.

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

73.0859, 76.7719, 87.3104

Protanopia

74.2533, 76.9852, 86.5474

Deuteranopia

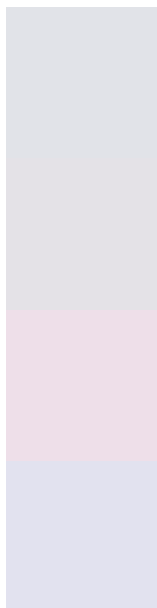
78.3072, 76.6624, 87.7609



Tritanopia

74.7814, 76.6524, 95.6480

Trichromacy



Original Color

73.0859, 76.7719, 87.3104

Protanomaly

73.6151, 76.6562, 86.5175

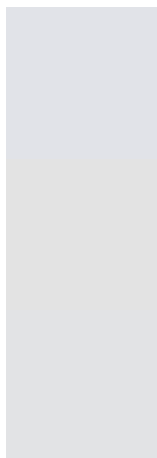
Deuteranomaly

76.3556, 76.8357, 87.8972

Tritanomaly

74.1404, 76.7935, 92.5764

Monochromacy



Original Color

73.0859, 76.7719, 87.3104

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.9760, 76.7641, 85.0994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0859, 76.7719, 87.3104 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(225, 227, 232) looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 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(225, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.0859, 76.7719, 87.3104 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(225, 227, 232) }
```


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

```
.border{ border-color:rgb(225, 227, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 227, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0859, 76.7719, 87.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 232) }
```

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

```
.background{ background-color: rgb(225,  
227, 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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