

Converting Colors

XYZ(74.3675, 79.0926, 86.9524)

Have a look what the booklet for
XYZ(74.3675, 79.0926, 86.9524)
contains.

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Color

**XYZ(74.3637, 79.0901,
86.9478)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E7E7
RGB	226, 231, 231
RGB Percent	89%, 91%, 91%
CMY	0.1137, 0.0941, 0.0941
CMYK	0.02, 0.00, 0.00, 0.09
HSL	180°, 9%, 90%
HSV	180°, 2%, 91%
XYZ	74.3637, 79.0901, 86.9478
YIQ	229.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 229, 231
Decimal	14870503
CIE _{Lab}	91.28, -1.66, -0.59
CIE _{LCh}	91, 1.768, 199.631
Yxy	79.0901, 0.3093, 0.3290
Android (android.graphics.Color)	4293060583 (0xFFE2E7E7)
YUV	229.5050, 0.7370, -3.0739
Hunter-Lab	88.9326, -6.3739, 4.2861

Details

The XYZ color **74.3637, 79.0901, 86.9478** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.8817, 76.8746, 82.8996**, and the grayscale version is **74.8464, 78.7442, 85.7524**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8624, 42.4130, 46.6430** is the 20% darker color. If you saturate the color by 10%, you get **67.6005, 75.6061, 86.6196**, and if you desaturate by 10%, it is **82.1073, 83.0840, 87.3251**.

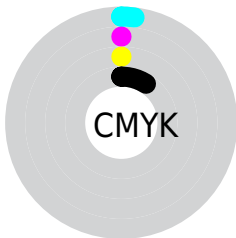
Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3637, 79.0901, 86.9478 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 74.3637, 79.0901, 86.9478 by changing the saturation by 10% instead.

■ 74.3637, 79.0901,
86.9478

■ 74.3637, 79.0901,
86.9478

464.7586,
491.8611, 538.3631

■ 55.3841, 58.9699,
64.8926

124.4040,
132.0857, 144.9896

■ 39.9444, 42.5889,
46.9232

156.1954,
165.7299, 181.8133

■ 27.6792, 29.5627,
32.6211

192.9881,
204.6508, 224.3970

■ 18.2232, 19.5069,
21.5676

235.1474,
249.2330, 273.1591

■ 11.2110, 12.0371,
13.3442

283.0388,
299.8607, 328.5182

■ 6.2773, 6.7690,
7.5325

337.0276,

■ 3.0567, 3.3180,

356.9183, 390.8929

3.7138

397.4790,
420.7903, 460.7017

■ 1.1838, 1.2999,
1.4697

■ 0.0935, 0.1412,
0.1952

■ 74.3637, 79.0901,
86.9478

■ 74.3637, 79.0901,
86.9478

■ 67.6005, 75.6061,
86.6196

■ 82.1073, 83.0840,
87.3251

■ 61.7723, 72.6018,
86.3336

■ 84.2466, 84.1865,
87.4385

■ 56.8400, 70.0594,
86.0895

■ 84.2491, 84.1876,
87.4519

■ 52.7591, 67.9559,
85.8853

■ 84.2516, 84.1886,
87.4653

■ 49.4814, 66.2665,
85.7186

■ 84.2542, 84.1896,
87.4787

■ 46.9540, 64.9639,
85.5871

■ 84.2567, 84.1906,
87.4921

■ 45.1174, 64.0174,
85.4878

■ 84.2593, 84.1916,
87.5055

■ 43.9035, 63.3918,
85.4178

■ 84.2618, 84.1926,
87.5189

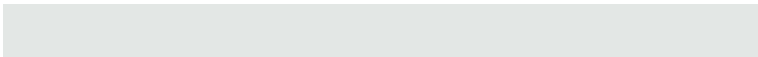
■ 43.2299, 63.0449,
85.3730

■ 84.2644, 84.1937,
87.5323

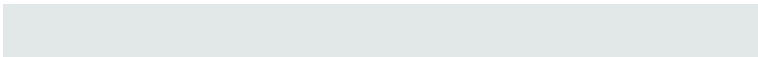
Harmonies

Analogous

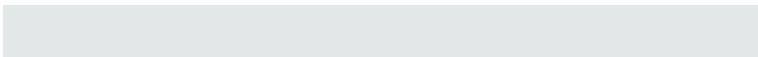
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3279, 79.0901, 85.6720



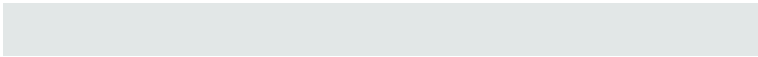
74.3637, 79.0901, 86.9478



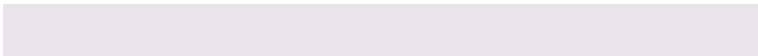
74.6158, 79.0901, 88.0105

Triad

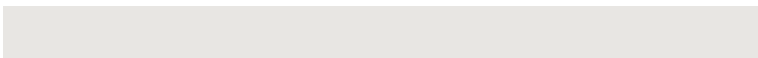
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3637, 79.0901, 86.9478



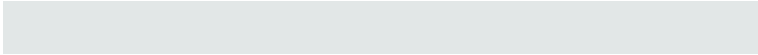
75.8315, 79.0901, 87.7248



75.3280, 79.0901, 83.7098

Complementary

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



74.3637, 79.0901, 86.9478



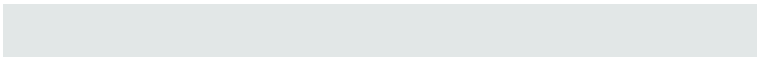
73.8817, 76.8746, 82.8996

Split Complementary

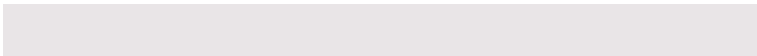
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7325, 79.0901, 84.2483



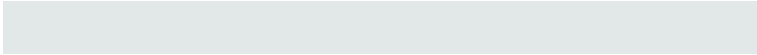
74.3637, 79.0901, 86.9478



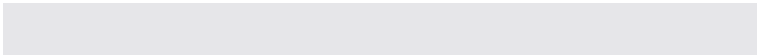
76.0240, 79.0901, 86.5608

Square

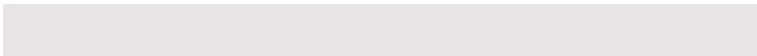
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



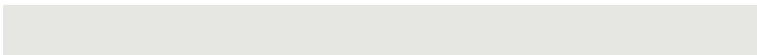
74.3637, 79.0901, 86.9478



75.4628, 79.0901, 88.4621



75.9877, 79.0901, 85.2889



74.8835, 79.0901, 83.8111

Rectangle

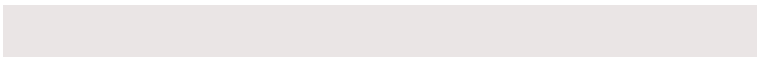
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



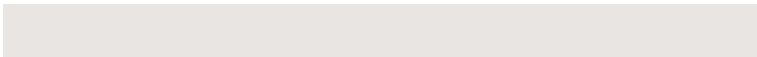
74.3637, 79.0901, 86.9478



74.8731, 79.0901, 88.4511



75.9877, 79.0901, 85.2889



75.4732, 79.0901, 83.8218

Sweetspot

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



74.3659, 79.0935, 86.9495



94.1177, 99.5194, 108.8547



73.6957, 78.8284, 83.2838



20.1549, 21.3063, 23.2999



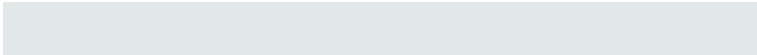
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

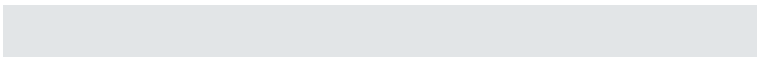
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3659, 79.0935, 86.9495



92.2904, 98.5775, 108.7658



73.6942, 77.7491, 86.7283



15.6325, 16.7618, 18.5547



24.0922, 35.2690, 47.8475



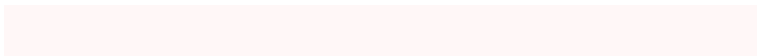
1.7805, 2.6063, 3.5366

Inverse Universe

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



73.8817, 76.8746, 82.8996



91.4514, 94.7332, 101.7493



74.5435, 78.1991, 83.1176



15.4540, 15.9437, 17.0615



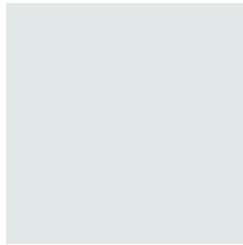
18.4758, 9.5245, 0.8686



1.3655, 0.7039, 0.0650

Previews

White Background



This preview shows how the XYZ color 74.3637, 79.0901, 86.9478 looks on a white background.

Color Contrast Check

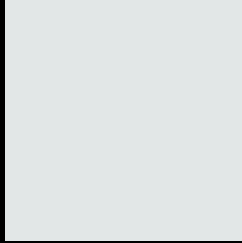
Large Text (above 18pt) WCAG AA × Fail

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 74.3637, 79.0901, 86.9478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

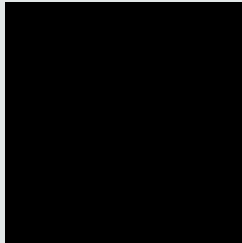
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

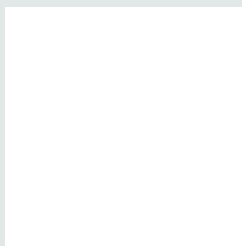
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3637, 79.0901, 86.9478

Background



This preview shows how black text looks on a background with the XYZ color 74.3637, 79.0901, 86.9478.



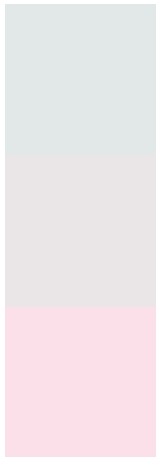
This preview shows how white text looks on a background with the XYZ color 74.3637, 79.0901,

86.9478.

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

74.3637, 79.0901, 86.9478

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

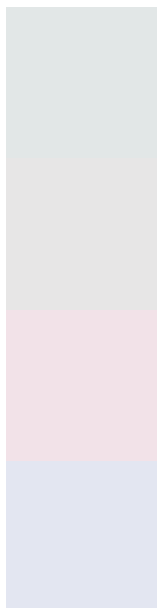
80.8793, 79.1678, 88.1089



Tritanopia

76.8027, 79.2480, 99.2441

Trichromacy



Original Color

74.3637, 79.0901, 86.9478

Protanomaly

75.5347, 79.2957, 86.1874

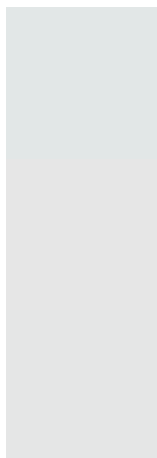
Deuteranomaly

78.3798, 79.0962, 87.4800

Tritanomaly

75.8526, 79.2754, 94.5229

Monochromacy



Original Color

74.3637, 79.0901, 86.9478

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8928, 78.9648, 86.1574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3637, 79.0901, 86.9478 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, 231) looks like.

```
.text, #text, p{  
    color:rgb(226, 231, 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, 231, 231) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 74.3637, 79.0901, 86.9478 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, 231) }
```


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

```
.border{ border-color:rgb(226, 231, 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, 231, 231)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 74.3637, 79.0901, 86.9478 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, 231) }
```

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

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