

Converting Colors

XYZ(74.7791, 78.4833, 86.8766)

Have a look what the booklet for
XYZ(74.7791, 78.4833, 86.8766)
contains.

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Color

**XYZ(74.7562, 78.4662,
86.8067)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E5E7
RGB	229, 229, 231
RGB Percent	90%, 90%, 91%
CMY	0.1020, 0.1019, 0.0941
CMYK	0.01, 0.01, 0.00, 0.09
HSL	240°, 4%, 90%
HSV	240°, 1%, 91%
XYZ	74.7562, 78.4662, 86.8067
YIQ	229.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

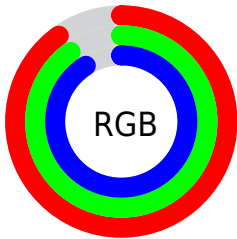
Format	Color
R_{YB}	229, 229, 231
Decimal	15066599
CIE Lab	90.99, 0.36, -0.98
CIE LCh	91, 1.046, 290.325
Yxy	78.4662, 0.3114, 0.3269
Android (android.graphics.Color)	4293256679 (0xFFE5E5E7)
YUV	229.2280, 0.8736, -0.2000
Hunter-Lab	88.5811, -4.3757, 3.9045

Details

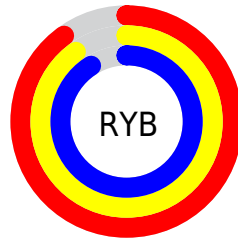
The XYZ color **74.7562, 78.4662, 86.8067** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6737, 79.7968, 85.5437**, and the grayscale version is **74.6400, 78.5271, 85.5160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3295, 42.3659, 46.6093** is the 20% darker color. If you saturate the color by 10%, you get **61.9103, 62.9975, 84.4992**, and if you desaturate by 10%, it is **89.4342, 96.1411, 89.4459**.

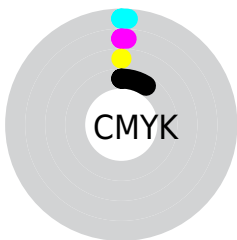
Distribution



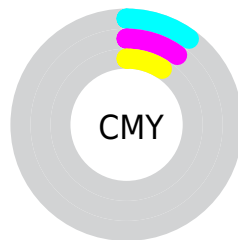
- Red (90%)
- Green (90%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7562, 78.4662, 86.8067 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 74.7562, 78.4662, 86.8067 by changing the saturation by 10% instead.

■ 74.7562, 78.4662,
86.8067

■ 74.7562, 78.4662,
86.8067

466.0893,
489.7487, 537.8872

■ 55.7067, 58.4570,
64.7765

124.9569,
131.2071, 144.7912

■ 40.2039, 42.1762,
46.8297

156.8389,
164.7076, 181.5826

■ 27.8824, 29.2393,
32.5477

193.7289,
203.4741, 224.1315

■ 18.3771, 19.2619,
21.5119

235.9925,
247.8908, 272.8564

■ 11.3224, 11.8597,
13.3038

283.9950,
298.3422, 328.1759

■ 6.3530, 6.6482,
7.5049

338.1017,

■ 3.1036, 3.2431,

355.2128, 390.5085

3.6966

398.6780,
418.8868, 460.2727

■ 1.2088, 1.2599,
1.4604

■ 0.1133, 0.1098,
0.1882

■ 74.7562, 78.4662,
86.8067

■ 74.7562, 78.4662,
86.8067

■ 61.9103, 62.9975,
84.4992

■ 89.4342, 96.1411,
89.4459

■ 50.8183, 49.6388,
82.5053

■ 91.4240, 98.5496,
89.8059

■ 41.4062, 38.3017,
80.8131

■ 33.5920, 28.8879,
79.4079

■ 27.2872, 21.2907,
78.2738

■ 22.3944, 15.3931,
77.3933

■ 18.8048, 11.0644,
76.7470

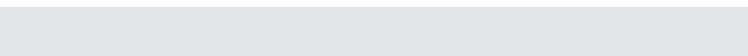
■ 16.3941, 8.1550,
76.3125

■ 15.0135, 6.4864,
76.0632

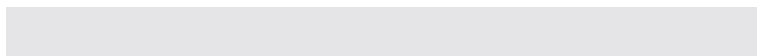
Harmonies

Analogous

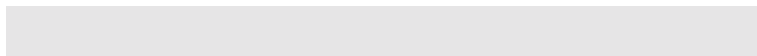
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4945, 78.4662, 86.8773



74.7562, 78.4662, 86.8067



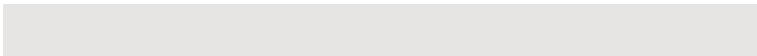
74.9711, 78.4662, 86.3677

Triad

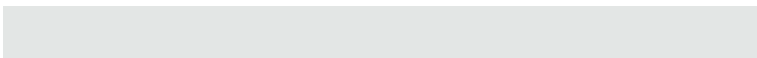
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7562, 78.4662, 86.8067



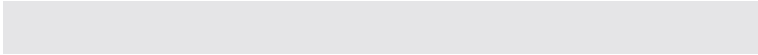
74.9043, 78.4662, 84.3224



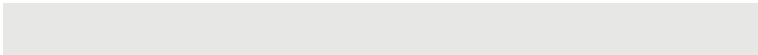
74.0806, 78.4662, 85.1923

Complementary

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



74.7562, 78.4662, 86.8067



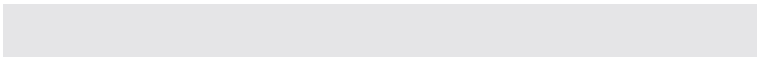
75.6737, 79.7968, 85.5437

Split Complementary

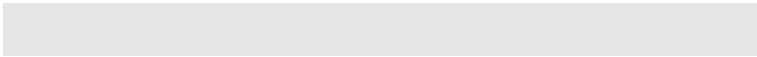
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1898, 78.4662, 84.5117



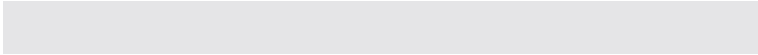
74.7562, 78.4662, 86.8067



74.6651, 78.4662, 84.0114

Square

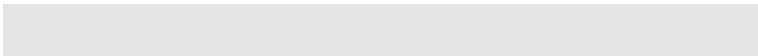
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



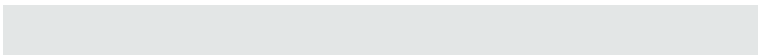
74.7562, 78.4662, 86.8067



75.0567, 78.4662, 84.9325



74.4036, 78.4662, 84.0805



74.1048, 78.4662, 85.9422

Rectangle

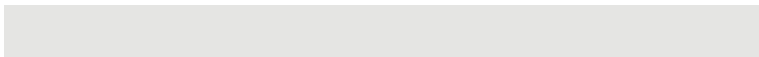
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7562, 78.4662, 86.8067



75.0587, 78.4662, 85.9267



74.4036, 78.4662, 84.0805



74.1029, 78.4662, 84.9479

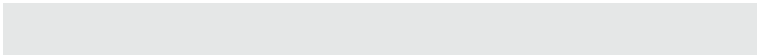
Sweetspot

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



74.7584, 78.4696, 86.8084

95.0500, 100.0000, 108.9000



75.3092, 79.5787, 86.9688



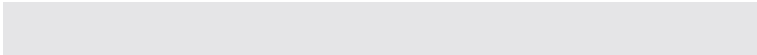
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



74.7584, 78.4696, 86.8084



93.3116, 97.9067, 108.5876



75.0666, 78.6267, 86.8225



15.9408, 16.7285, 18.5331



8.0902, 3.2425, 42.5826



0.5987, 0.2413, 3.1470

Inverse Universe

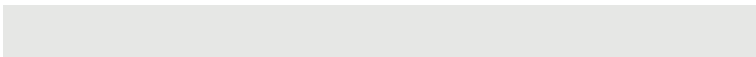
The Inverse Universe completely reimagines the original color for something new.



75.1188, 78.6860, 85.3616



93.8348, 98.2210, 106.4871



75.3637, 79.6387, 85.5295



16.0248, 16.7790, 18.1960



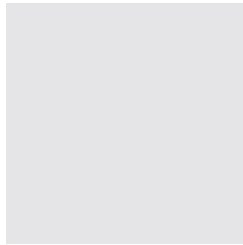
18.4771, 9.5250, 0.8753



1.3658, 0.7040, 0.0669

Previews

White Background



This preview shows how the XYZ color 74.7562, 78.4662, 86.8067 looks on a white background.

Color Contrast Check

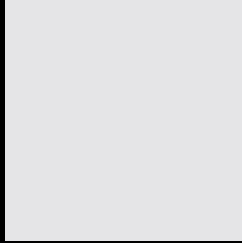
Large Text (above 18pt) WCAG AA × Fail

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 74.7562, 78.4662, 86.8067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

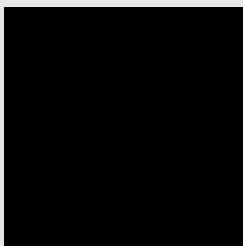
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

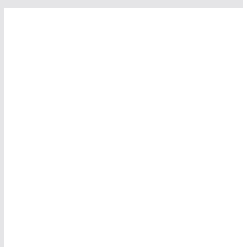
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7562, 78.4662, 86.8067

Background



This preview shows how black text looks on a background with the XYZ color 74.7562, 78.4662, 86.8067.

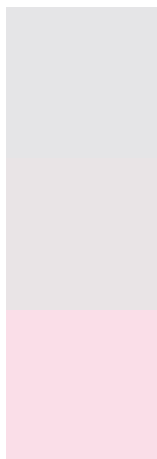


This preview shows how white text looks on a background with the XYZ color 74.7562, 78.4662,

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

74.7562, 78.4662, 86.8067

Protanopia

75.6306, 78.5236, 86.0333

Deuteranopia

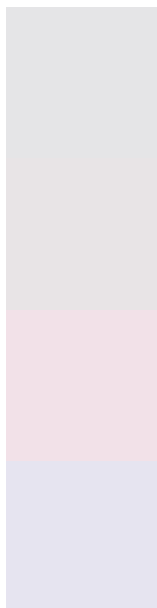
80.1111, 78.3927, 87.2529



Tritanopia

76.9055, 78.5197, 97.4887

Trichromacy



Original Color

74.7562, 78.4662, 86.8067

Protanomaly

75.3050, 78.3558, 86.0181

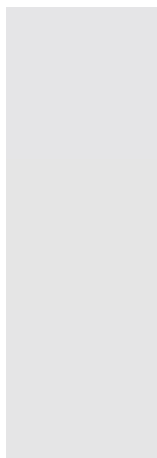
Deuteranomaly

78.1087, 78.5539, 87.3896

Tritanomaly

76.1047, 78.6011, 93.5985

Monochromacy



Original Color

74.7562, 78.4662, 86.8067

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6153, 78.4098, 86.0649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7562, 78.4662, 86.8067 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, 229, 231) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 74.7562, 78.4662, 86.8067 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, 229, 231) }
```

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

```
.border{ border-color:rgb(229, 229, 231) }
```

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

Here you see how a box with a 4 pixel rgb(229, 229, 231) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 74.7562, 78.4662, 86.8067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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