

Converting Colors

XYZ(75.1729, 79.1452, 87.0282)

Have a look what the booklet for
XYZ(75.1729, 79.1452, 87.0282)
contains.

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Color

**XYZ(75.0337, 79.0212,
86.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E6E7
RGB	229, 230, 231
RGB Percent	90%, 90%, 91%
CMY	0.1020, 0.0980, 0.0941
CMYK	0.01, 0.00, 0.00, 0.09
HSL	210°, 4%, 90%
HSV	210°, 1%, 91%
XYZ	75.0337, 79.0212, 86.8992
YIQ	229.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
R _Y B	229, 230, 231
Decimal	15066855
CIE Lab	91.24, -0.15, -0.61
CIE LCh	91, 0.631, 256.161
Yxy	79.0212, 0.3114, 0.3280
Android (android.graphics.Color)	4293256935 (0xFFE5E6E7)
YUV	229.8150, 0.5842, -0.7148
Hunter-Lab	88.8939, -4.8957, 4.2661

Details

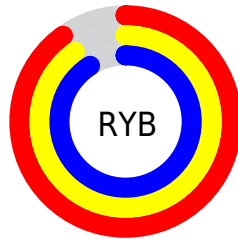
The XYZ color **75.0337, 79.0212, 86.8992** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3947, 79.2386, 85.4506**, and the grayscale version is **75.0753, 78.9850, 86.0147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5234, 42.7538, 46.6739** is the 20% darker color. If you saturate the color by 10%, you get **65.0522, 69.2812, 85.5465**, and if you desaturate by 10%, it is **86.2118, 89.6961, 88.3717**.

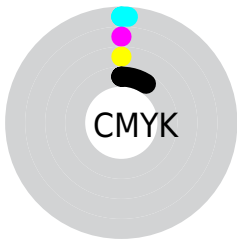
Distribution



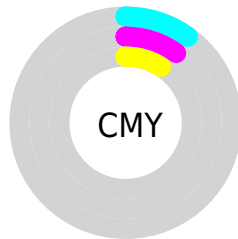
- Red (90%)
- Green (90%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0337, 79.0212, 86.8992 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 75.0337, 79.0212, 86.8992 by changing the saturation by 10% instead.

■ 75.0337, 79.0212,
86.8992

■ 75.0337, 79.0212,
86.8992

467.0288,
491.6281, 538.1992

■ 55.9348, 58.9132,
64.8526

125.3477,
131.9887, 144.9213

■ 40.3874, 42.5433,
46.8910

157.2935,
165.6170, 181.7338

■ 28.0263, 29.5269,
32.5958

194.2523,
204.5210, 224.3055

■ 18.4860, 19.4798,
21.5484

236.5895,
249.0848, 273.0548

■ 11.4013, 12.0175,
13.3303

284.6703,
299.6931, 328.4003

■ 6.4067, 6.7556,
7.5230

338.8603,

■ 3.1369, 3.3097,

356.7301, 390.7605

3.7079

399.5246,
420.5803, 460.5540

■ 1.2266, 1.2955,
1.4665

■ 0.1272, 0.1377,
0.1928

■ 75.0337, 79.0212,
86.8992

■ 75.0337, 79.0212,
86.8992

■ 65.0522, 69.2812,
85.5465

■ 86.2118, 89.6961,
88.3717

■ 56.2179, 60.4380,
84.3052

■ 90.7930, 97.2875,
89.5955

■ 48.4881, 52.4655,
83.1737

■ 91.4240, 98.5496,
89.8059

■ 41.8144, 45.3326,
82.1487

■ 36.1447, 39.0057,
81.2263

■ 31.4222, 33.4488,
80.4026

■ 27.5837, 28.6221,
79.6733

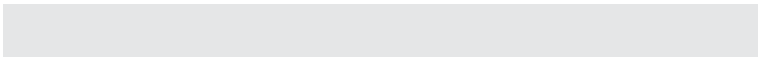
■ 24.5572, 24.4812,
79.0335

■ 22.2576, 20.9745,
78.4779

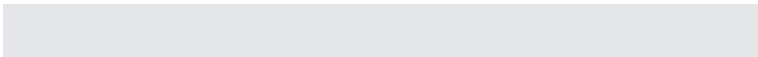
Harmonies

Analogous

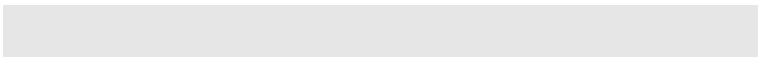
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8943, 79.0212, 86.6779



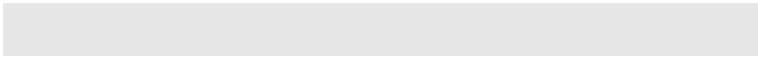
75.0337, 79.0212, 86.8992



75.1930, 79.0212, 86.8899

Triad

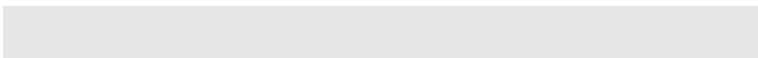
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0337, 79.0212, 86.8992



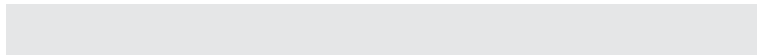
75.4032, 79.0212, 85.7956



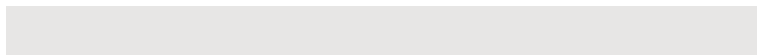
74.8855, 79.0212, 85.4317

Complementary

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



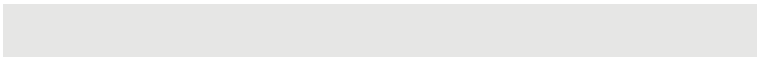
75.0337, 79.0212, 86.8992



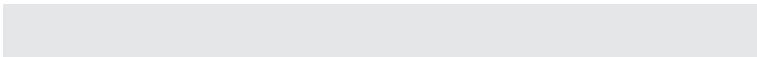
75.3947, 79.2386, 85.4506

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.



75.0217, 79.0212, 85.1970



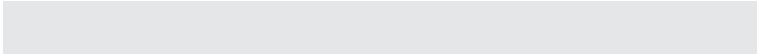
75.0337, 79.0212, 86.8992



75.3206, 79.0212, 85.4066

Square

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



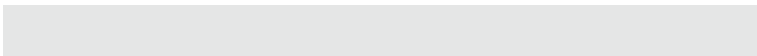
75.0337, 79.0212, 86.8992



75.4065, 79.0212, 86.2516



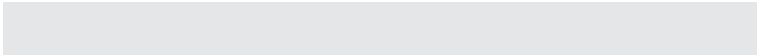
75.1809, 79.0212, 85.1878



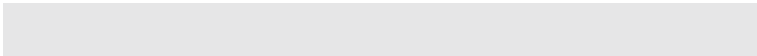
74.8089, 79.0212, 85.8300

Rectangle

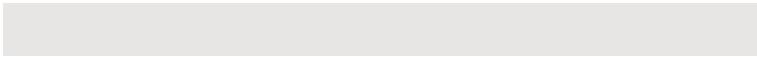
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0337, 79.0212, 86.8992



75.2890, 79.0212, 86.7541



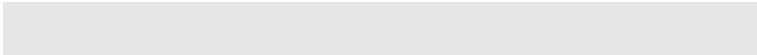
75.1809, 79.0212, 85.1878



74.9259, 79.0212, 85.3311

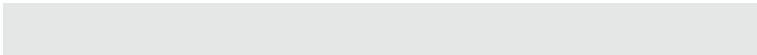
Sweetspot

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



75.0359, 79.0246, 86.9009

95.0500, 100.0000, 108.9000



75.1684, 79.5223, 86.2270



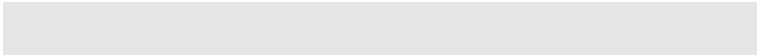
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

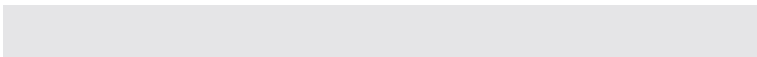
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0359, 79.0246, 86.9009



93.7143, 98.7121, 108.7218



74.7665, 78.4857, 86.8111



16.0055, 16.8578, 18.5546



11.7099, 10.4818, 43.7892



0.9582, 0.9604, 3.2668

Inverse Universe

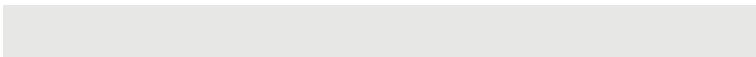
The Inverse Universe completely reimagines the original color for something new.



75.2589, 78.7421, 86.0992



94.0381, 98.3023, 107.5575



75.6656, 79.7805, 85.5409



16.0574, 16.7920, 18.3678



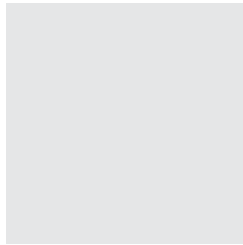
20.3041, 10.2559, 10.4963



1.5473, 0.7766, 1.0226

Previews

White Background



This preview shows how the XYZ color 75.0337, 79.0212, 86.8992 looks on a white background.

Color Contrast Check

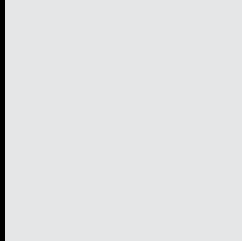
Large Text (above 18pt) WCAG AA × Fail

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 75.0337, 79.0212, 86.8992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

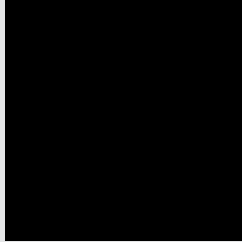
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

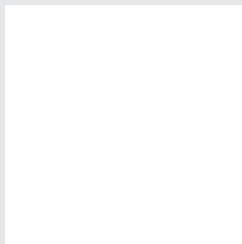
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0337, 79.0212, 86.8992

Background



This preview shows how black text looks on a background with the XYZ color 75.0337, 79.0212, 86.8992.



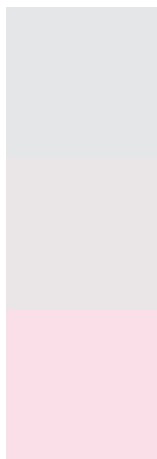
This preview shows how white text looks on a background with the XYZ color 75.0337, 79.0212,

86.8992.

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

75.0337, 79.0212, 86.8992

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

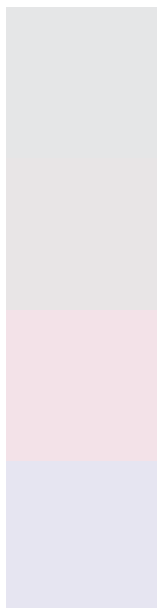
80.7368, 79.1108, 87.3585



Tritanopia

77.3330, 79.1296, 98.3864

Trichromacy



Original Color

75.0337, 79.0212, 86.8992

Protanomaly

75.5810, 78.9076, 86.1101

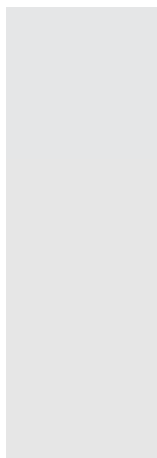
Deuteranomaly

78.7240, 79.2736, 87.4961

Tritanomaly

76.5296, 79.2125, 94.4751

Monochromacy



Original Color

75.0337, 79.0212, 86.8992

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2129, 79.1298, 86.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0337, 79.0212, 86.8992 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, 230, 231) looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 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, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.0337, 79.0212, 86.8992 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, 230, 231) }
```

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

```
.border{ border-color:rgb(229, 230, 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, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 230,  
231) }
```


Background

The CSS property to change the background color of an element to XYZ 75.0337, 79.0212, 86.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 231) }
```

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

```
.background{ background-color: rgb(229,  
230, 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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