

Converting Colors

XYZ(75.3794, 78.9890, 86.8398)

Have a look what the booklet for
XYZ(75.3794, 78.9890, 86.8398)
contains.

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Color

**XYZ(75.3981, 78.7971,
86.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E5E7
RGB	231, 229, 231
RGB Percent	91%, 90%, 91%
CMY	0.0941, 0.1019, 0.0941
CMYK	0.00, 0.01, 0.00, 0.09
HSL	300°, 4%, 90%
HSV	300°, 1%, 91%
XYZ	75.3981, 78.7971, 86.8368
YIQ	229.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

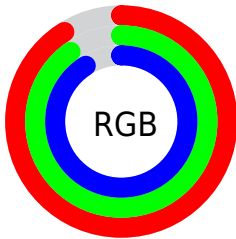
Format	Color
R _{YB}	231, 229, 231
Decimal	15197671
CIE Lab	91.14, 1.03, -0.74
CIE LCh	91, 1.273, 324.262
Yxy	78.7971, 0.3128, 0.3269
Android (android.graphics.Color)	4293387751 (0xFFE7E5E7)
YUV	229.8260, 0.5788, 1.0296
Hunter-Lab	88.7677, -3.7281, 4.1371

Details

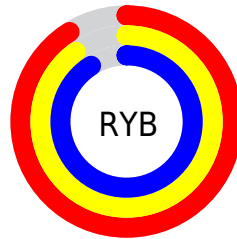
The XYZ color **75.3981, 78.7971, 86.8368** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.0350, 79.4692, 85.5172**, and the grayscale version is **75.0827, 78.9928, 86.0232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5531, 42.4812, 46.6198** is the 20% darker color. If you saturate the color by 10%, you get **69.4270, 66.8553, 84.8477**, and if you desaturate by 10%, it is **82.2241, 92.4465, 89.1128**.

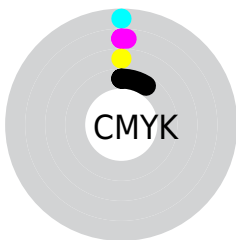
Distribution



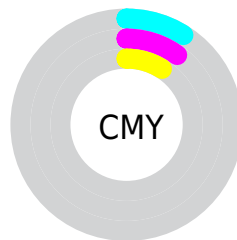
- Red (91%)
- Green (90%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3981, 78.7971, 86.8368 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 75.3981, 78.7971, 86.8368 by changing the saturation by 10% instead.

■ 75.3981, 78.7971,
86.8368

■ 75.3981, 78.7971,
86.8368

468.2609,
490.8697, 537.9887

■ 56.2344, 58.7290,
64.8013

125.8606,
131.6732, 144.8335

■ 40.6286, 42.3950,
46.8497

157.8902,
165.2500, 181.6318

■ 28.2154, 29.4107,
32.5633

194.9391,
204.0984, 224.1881

■ 18.6294, 19.3917,
21.5238

237.3726,
248.6029, 272.9210

■ 11.5052, 11.9537,
13.3124

285.5562,
299.1479, 328.2489

■ 6.4775, 6.7121,
7.5108

339.8553,

■ 3.1809, 3.2827,

356.1178, 390.5905

3.7003

400.6350,
419.8969, 460.3643

■ 1.2502, 1.2811,
1.4624

■ 0.1454, 0.1265,
0.1897

■ 75.3981, 78.7971,
86.8368

■ 75.3981, 78.7971,
86.8368

■ 69.4270, 66.8553,
84.8477

■ 82.2241, 92.4465,
89.1128

■ 64.2708, 56.5444,
83.1293

■ 83.1415, 94.2798,
89.4183

■ 59.8962, 47.7967,
81.6713

■ 83.1425, 94.2803,
89.4184

■ 56.2650, 40.5359,
80.4612

■ 83.1435, 94.2808,
89.4184

53.3360, 34.6794,
79.4852

83.1445, 94.2814,
89.4185

51.0638, 30.1364,
78.7281

83.1455, 94.2819,
89.4185

49.3977, 26.8057,
78.1730

83.1465, 94.2824,
89.4186

48.2797, 24.5712,
77.8006

83.1475, 94.2829,
89.4186

47.6405, 23.2943,
77.5878

83.1485, 94.2834,
89.4187

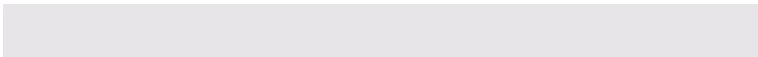
Harmonies

Analogous

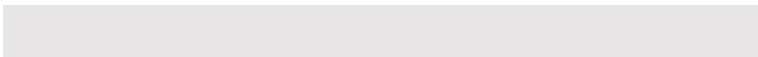
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1490, 78.7971, 87.4239



75.3981, 78.7971, 86.8368



75.5122, 78.7971, 85.9741

Triad

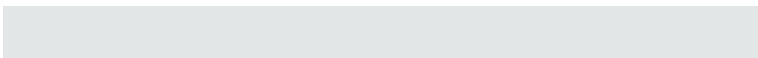
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3981, 78.7971, 86.8368



74.9562, 78.7971, 84.0439



74.3311, 78.7971, 86.5275

Complementary

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



75.3981, 78.7971, 86.8368



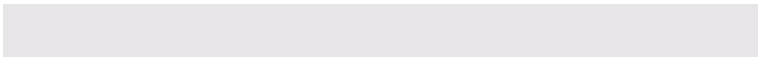
75.0350, 79.4692, 85.5172

Split Complementary

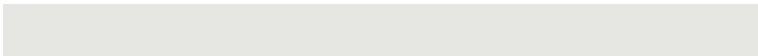
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2798, 78.7971, 85.6194



75.3981, 78.7971, 86.8368



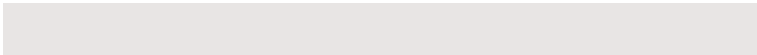
74.6401, 78.7971, 84.1898

Square

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



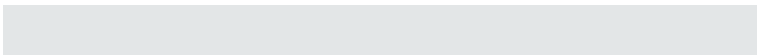
75.3981, 78.7971, 86.8368



75.2566, 78.7971, 84.3650



74.3927, 78.7971, 84.7648



74.5331, 78.7971, 87.2444

Rectangle

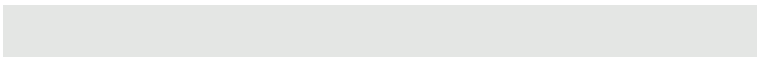
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3981, 78.7971, 86.8368



75.4961, 78.7971, 85.3604



74.3927, 78.7971, 84.7648



74.2957, 78.7971, 86.2343

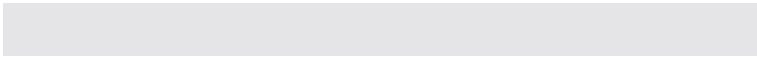
Sweetspot

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



75.4003, 78.8005, 86.8385

95.0500, 100.0000, 108.9000



74.7690, 78.4887, 86.8116



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

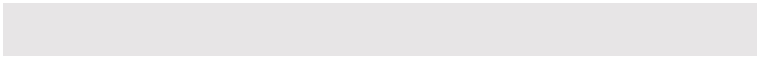
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4003, 78.8005, 86.8385



94.2418, 98.3837, 108.6306



75.2645, 78.7462, 86.1227



16.0901, 16.8051, 18.5400



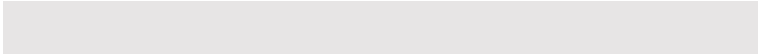
26.5557, 12.7558, 43.4457



1.9624, 0.9426, 3.2105

Inverse Universe

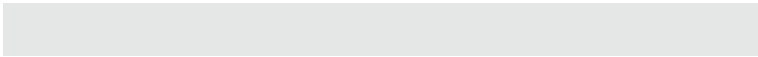
The Inverse Universe completely reimagines the original color for something new.



75.1201, 78.6884, 85.3622



93.8341, 98.2207, 106.4830



75.1700, 79.5232, 86.2287



16.0247, 16.7789, 18.1953



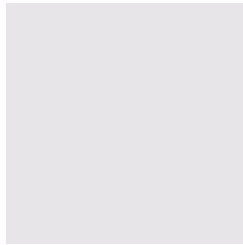
18.4752, 9.5243, 0.8653



1.3653, 0.7038, 0.0641

Previews

White Background



This preview shows how the XYZ color 75.3981, 78.7971, 86.8368 looks on a white background.

Color Contrast Check

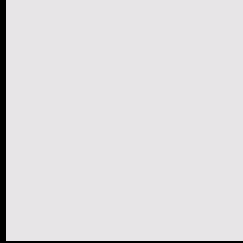
Large Text (above 18pt) WCAG AA × Fail

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 75.3981, 78.7971, 86.8368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

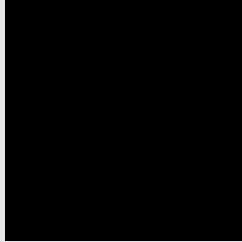
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

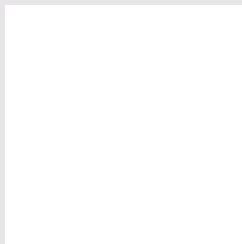
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3981, 78.7971, 86.8368

Background



This preview shows how black text looks on a background with the XYZ color 75.3981, 78.7971, 86.8368.



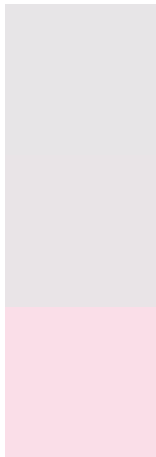
This preview shows how white text looks on a background with the XYZ color 75.3981, 78.7971,

86.8368.

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

75.3981, 78.7971, 86.8368

Protanopia

75.7715, 78.5800, 86.7752

Deuteranopia

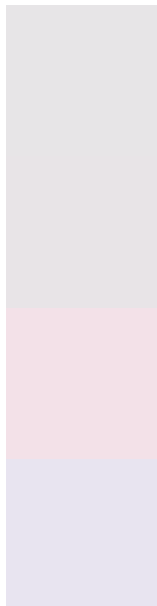
80.1111, 78.3927, 87.2529



Tritanopia

77.5548, 78.8544, 97.5190

Trichromacy



Original Color

75.3981, 78.7971, 86.8368

Protanomaly

75.4459, 78.4121, 86.7599

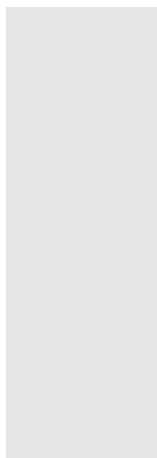
Deuteranomaly

78.4529, 78.7313, 87.4057

Tritanomaly

76.7503, 78.9339, 93.6287

Monochromacy



Original Color

75.3981, 78.7971, 86.8368

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 75.3981, 78.7971, 86.8368 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(231, 229, 231) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 75.3981, 78.7971, 86.8368 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(231, 229, 231) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 75.3981, 78.7971, 86.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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