

Converting Colors

XYZ(75.0058, 77.5074, 86.2897)

Have a look what the booklet for
XYZ(75.0058, 77.5074, 86.2897)
contains.

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Color

**XYZ(74.8989, 77.3180,
86.5776)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2E7
RGB	232, 226, 231
RGB Percent	91%, 89%, 91%
CMY	0.0902, 0.1137, 0.0941
CMYK	0.00, 0.03, 0.00, 0.09
HSL	310°, 12%, 90%
HSV	310°, 3%, 91%
XYZ	74.8989, 77.3180, 86.5776
YIQ	228.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

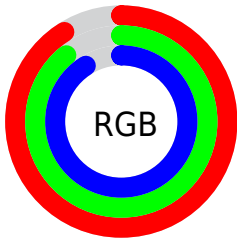
Format	Color
R_{YB}	232, 226, 231
Decimal	15262439
CIE _{Lab}	90.47, 2.92, -1.72
CIE _{LCh}	90, 3.388, 329.449
Yxy	77.3180, 0.3137, 0.3238
Android (android.graphics.Color)	4293452519 (0xFFE8E2E7)
YUV	228.3640, 1.2995, 3.1888
Hunter-Lab	87.9307, -1.8332, 3.1738

Details

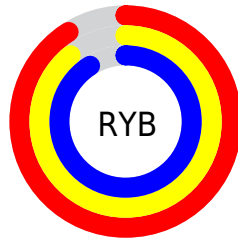
The XYZ color **74.8989, 77.3180, 86.5776** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0887, 79.4301, 84.1037**, and the grayscale version is **74.0009, 77.8547, 84.7838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2053, 41.4511, 46.4393** is the 20% darker color. If you saturate the color by 10%, you get **68.4726, 65.3294, 81.7696**, and if you desaturate by 10%, it is **82.1953, 91.0253, 91.7371**.

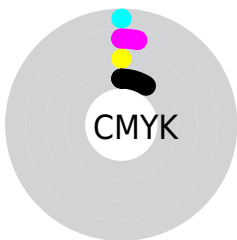
Distribution



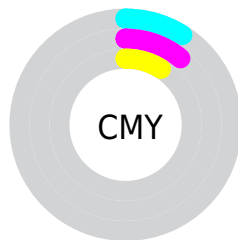
- Red (91%)
- Green (89%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8989, 77.3180, 86.5776 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 74.8989, 77.3180, 86.5776 by changing the saturation by 10% instead.

■ 74.8989, 77.3180,
86.5776

■ 74.8989, 77.3180,
86.5776

466.5725,
485.8476, 537.1140

■ 55.8240, 57.5139,
64.5881

125.1579,
129.5883, 144.4689

■ 40.2982, 41.4180,
46.6779

157.0727,
162.8232, 181.2078

■ 27.9564, 28.6458,
32.4286

193.9981,
201.3040, 223.7002

■ 18.4331, 18.8131,
21.4215

236.2996,
245.4148, 272.3646

■ 11.3629, 11.5353,
13.2382

284.3424,
295.5402, 327.6197

■ 6.3806, 6.4281,
7.4602

338.4919,

■ 3.1207, 3.1071,

352.0645, 389.8839

3.6687

399.1135,
415.3722, 459.5758

■ 1.2179, 1.1879,
1.4454

■ 0.1204, 0.0518,
0.1768

■ 74.8989, 77.3180,
86.5776

■ 74.8989, 77.3180,
86.5776

■ 68.4726, 65.3294,
81.7696

■ 82.1953, 91.0253,
91.7371

■ 62.8756, 54.9812,
77.2964

■ 84.5809, 94.8928,
95.3187

■ 58.0738, 46.2043,
73.1471

■ 85.1581, 95.1236,
98.3579

■ 54.0280, 38.9205,
69.3083

■ 85.7475, 95.3594,
101.4618

■ 50.6958, 33.0450,
65.7654

■ 86.3493, 95.6001,
104.6311

■ 48.0304, 28.4843,
62.5024

■ 86.9636, 95.8458,
107.8659

■ 45.9794, 25.1340,
59.5016

■ 87.0893, 95.8961,
108.5274

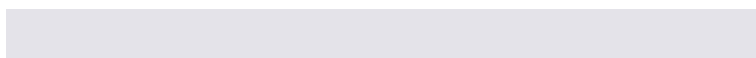
■ 44.4825, 22.8733,
56.7423

■ 43.4668, 21.5569,
54.2000

Harmonies

Analogous

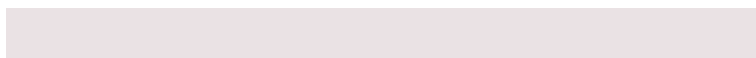
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2915, 77.3180, 88.3104



74.8989, 77.3180, 86.5776



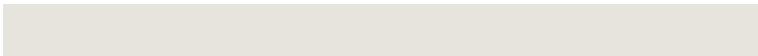
75.1279, 77.3180, 84.2310

Triad

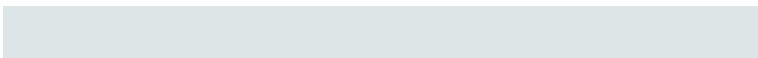
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8989, 77.3180, 86.5776



73.5041, 77.3180, 79.6109



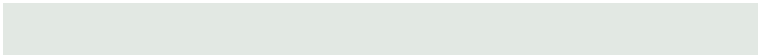
72.0804, 77.3180, 86.4986

Complementary

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



74.8989, 77.3180, 86.5776



74.0887, 79.4301, 84.1037

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.



71.8730, 77.3180, 84.1414



74.8989, 77.3180, 86.5776



72.6912, 77.3180, 80.1923

Square

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



74.8989, 77.3180, 86.5776



74.3188, 77.3180, 80.2357



72.0958, 77.3180, 81.8392



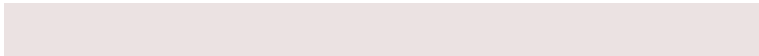
72.6643, 77.3180, 88.2642

Rectangle

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



74.8989, 77.3180, 86.5776



75.0337, 77.3180, 82.6437



72.0958, 77.3180, 81.8392



71.9645, 77.3180, 85.7477

Sweetspot

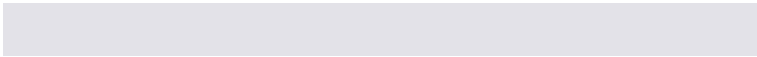
The Sweet Spot groups the original color and five complimentary colors.



74.9011, 77.3213, 86.5793



94.1735, 98.3564, 108.2704



73.4436, 76.5536, 87.2506



20.1662, 21.0696, 23.1810



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

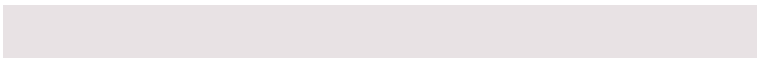
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9011, 77.3213, 86.5793



92.4531, 95.1339, 107.0243



74.4812, 77.1534, 84.3683



15.6670, 16.0289, 18.1831



23.8782, 11.6855, 29.3174



1.7921, 0.8745, 2.3115

Inverse Universe

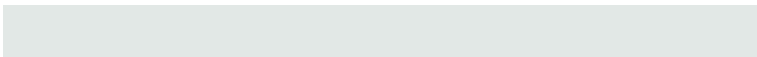
The Inverse Universe completely reimagines the original color for something new.



74.9011, 77.3213, 86.5793



92.4531, 95.1339, 107.0243



74.5061, 79.5971, 86.3019



15.6670, 16.0289, 18.1831



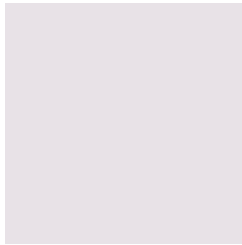
23.8782, 11.6855, 29.3174



1.7921, 0.8745, 2.3115

Previews

White Background



This preview shows how the XYZ color 74.8989, 77.3180, 86.5776 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 74.8989, 77.3180, 86.5776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

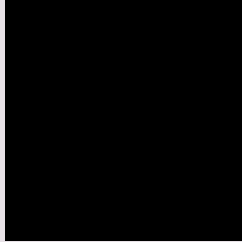
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

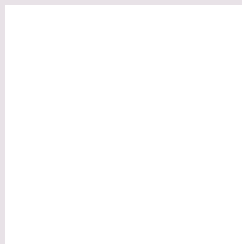
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8989, 77.3180, 86.5776

Background



This preview shows how black text looks on a background with the XYZ color 74.8989, 77.3180, 86.5776.



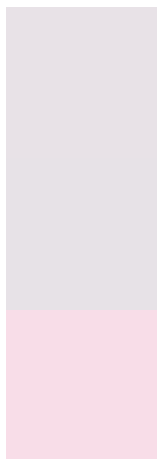
This preview shows how white text looks on a background with the XYZ color 74.8989, 77.3180,

86.5776.

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

74.8989, 77.3180, 86.5776

Protanopia

74.5752, 77.1512, 86.5624

Deuteranopia

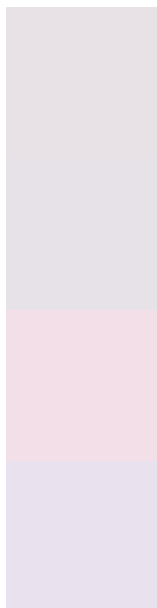
79.1333, 77.4956, 87.1313



Tritanopia

76.6144, 77.2145, 94.8703

Trichromacy



Original Color

74.8989, 77.3180, 86.5776

Protanomaly

74.5752, 77.1512, 86.5624

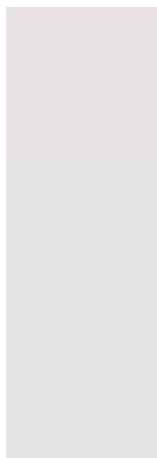
Deuteranomaly

77.5711, 77.4788, 87.2104

Tritanomaly

75.9621, 77.3471, 91.8148

Monochromacy



Original Color

74.8989, 77.3180, 86.5776

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9250, 77.2533, 85.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8989, 77.3180, 86.5776 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(232, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 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(232, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.8989, 77.3180, 86.5776 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(232, 226, 231) }
```


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

```
.border{ border-color:rgb(232, 226, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8989, 77.3180, 86.5776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 231) }
```

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

```
.background{ background-color: rgb(232,  
226, 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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