

Converting Colors

XYZ(75.9763, 79.8542, 82.6898)

Have a look what the booklet for
XYZ(75.9763, 79.8542, 82.6898)
contains.

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Color

**XYZ(76.0982, 80.0805,
82.6804)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE7E1
RGB	234, 231, 225
RGB Percent	92%, 91%, 88%
CMY	0.0823, 0.0941, 0.1176
CMYK	0.00, 0.01, 0.04, 0.08
HSL	40°, 18%, 90%
HSV	40°, 4%, 92%
XYZ	76.0982, 80.0805, 82.6804
YIQ	231.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

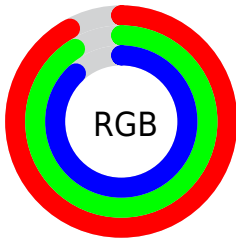
Format	Color
R_{YB}	230, 234, 225
Decimal	15394785
CIE Lab	91.72, -0.03, 3.26
CIE LCh	92, 3.262, 90.568
Yxy	80.0805, 0.3186, 0.3353
Android (android.graphics.Color)	4293584865 (0xFFEAE7E1)
YUV	231.2130, -3.0630, 2.4442
Hunter-Lab	89.4877, -4.8114, 7.8616

Details

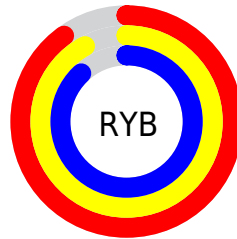
The XYZ color **76.0982, 80.0805, 82.6804** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **73.6460, 77.4337, 88.9075**, and the grayscale version is **76.1363, 80.1013, 87.2303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9458, 43.0272, 44.1772** is the 20% darker color. If you saturate the color by 10%, you get **70.9912, 74.6292, 66.2933**, and if you desaturate by 10%, it is **81.7442, 85.9078, 101.4075**.

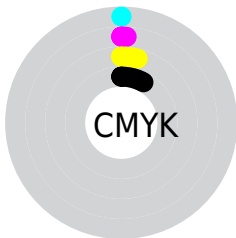
Distribution



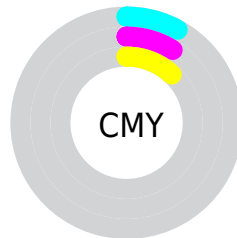
- Red (92%)
- Green (91%)
- Blue (88%)



- Red (90%)
- Yellow (92%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0982, 80.0805, 82.6804 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 76.0982, 80.0805, 82.6804 by changing the saturation by 10% instead.

■ 76.0982, 80.0805,
82.6804

■ 76.0982, 80.0805,
82.6804

470.6230,
495.2041, 523.8638

■ 56.8104, 59.7846,
61.3875

126.8453,
133.4789, 138.9730

■ 41.0926, 43.2450,
44.1053

159.0353,
167.3502, 174.8097

■ 28.5794, 30.0774,
30.4155

196.2568,
206.5154, 216.3314

■ 18.9056, 19.8974,
19.8995

238.8750,
251.3589, 263.9566

■ 11.7057, 12.3205,
12.1386

287.2554,
302.2652, 318.1040

■ 6.6144, 6.9623,
6.7145

341.7633,

■ 3.2663, 3.4385,

359.6185, 379.1919

3.2085

402.7640,
423.8034, 447.6390

■ 1.2961, 1.3647,
1.2020

■ 0.1803, 0.1905,
0.0000

■ 76.0982, 80.0805,
82.6804

■ 76.0982, 80.0805,
82.6804

■ 70.9912, 74.6292,
66.2933

■ 81.7442, 85.9078,
101.4075

■ 66.3977, 69.5340,
52.1474

■ 85.1157, 90.9799,
107.6825

■ 62.2997, 64.7882,
40.1447

■ 87.5424, 95.8331,
108.4914

■ 58.6755, 60.3811,
30.1777

■ 87.7421, 96.2327,
108.5580

■ 55.5018, 56.3012,
22.1296

■ 52.7529, 52.5360,
15.8715

■ 50.3999, 49.0719,
11.2587

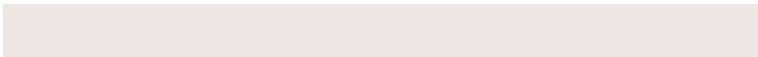
■ 48.4097, 45.8932,
8.1237

■ 46.7423, 42.9817,
6.2626

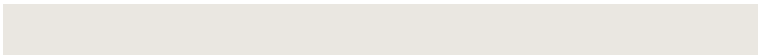
Harmonies

Analogous

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



76.9051, 80.0805, 83.2538



76.0982, 80.0805, 82.6804



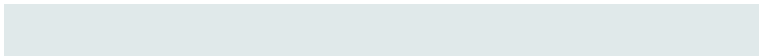
75.3012, 80.0805, 83.2980

Triad

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



76.0982, 80.0805, 82.6804



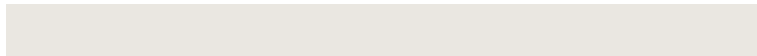
74.7413, 80.0805, 89.5514



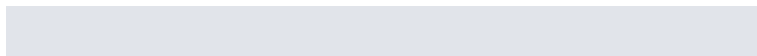
77.5198, 80.0805, 89.4710

Complementary

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



76.0982, 80.0805, 82.6804



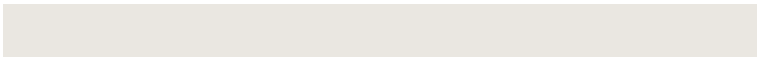
73.6460, 77.4337, 88.9075

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.



76.9328, 80.0805, 91.2098



76.0982, 80.0805, 82.6804



75.3286, 80.0805, 91.2567

Square

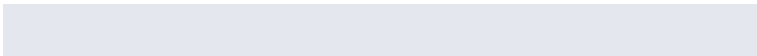
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



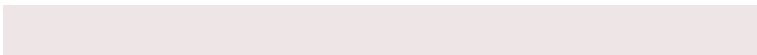
76.0982, 80.0805, 82.6804



74.5213, 80.0805, 87.2396



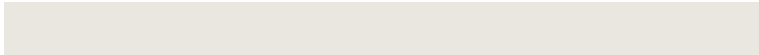
76.1300, 80.0805, 91.8691



77.7294, 80.0805, 87.1485

Rectangle

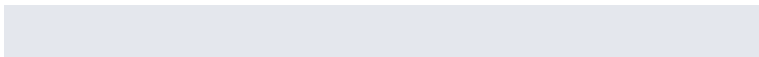
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



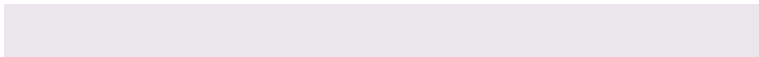
76.0982, 80.0805, 82.6804



74.8818, 80.0805, 84.3085



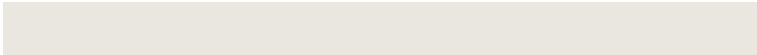
76.1300, 80.0805, 91.8691



77.3598, 80.0805, 90.1447

Sweetspot

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



76.1004, 80.0840, 82.6821



94.3719, 99.2965, 106.6620



74.8616, 76.9455, 84.3062



20.2066, 21.2610, 22.8536



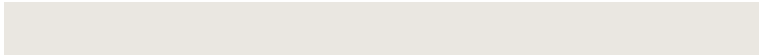
0.0000, 0.0000, 0.0000



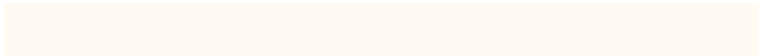
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1004, 80.0840, 82.6821



91.7256, 96.5278, 97.9987



76.4557, 81.5226, 82.9411



16.3311, 17.1860, 17.2832



25.8791, 23.4523, 3.1628



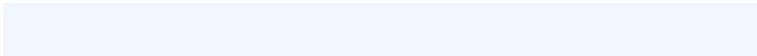
2.1199, 2.0171, 0.2776

Inverse Universe

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



73.6460, 77.4337, 88.9075



87.8601, 92.3540, 107.8031



73.2987, 76.0418, 88.6572



15.5527, 16.3455, 19.2575



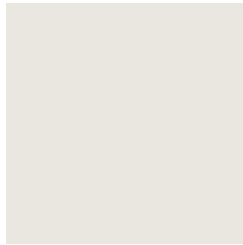
9.9754, 6.5978, 44.4907



0.8688, 0.6891, 3.5221

Previews

White Background



This preview shows how the XYZ color 76.0982, 80.0805, 82.6804 looks on a white background.

Color Contrast Check

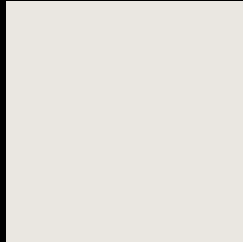
Large Text (above 18pt) WCAG AA × Fail

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 76.0982, 80.0805, 82.6804 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

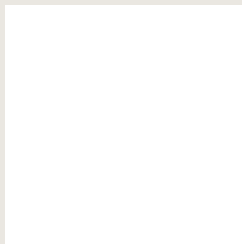
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0982, 80.0805, 82.6804

Background



This preview shows how black text looks on a background with the XYZ color 76.0982, 80.0805, 82.6804.



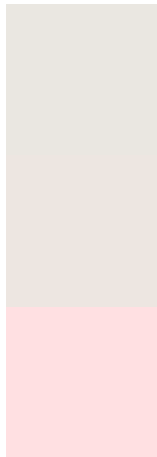
This preview shows how white text looks on a background with the XYZ color 76.0982, 80.0805,

82.6804.

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

76.0982, 80.0805, 82.6804

Protanopia

76.8125, 80.0344, 82.6339

Deuteranopia

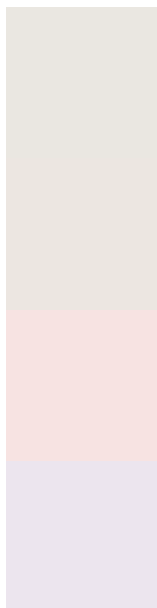
81.6231, 80.0623, 83.1031



Tritanopia

79.3030, 80.1452, 98.4786

Trichromacy



Original Color

76.0982, 80.0805, 82.6804

Protanomaly

76.4795, 79.8627, 82.6183

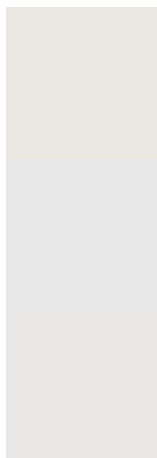
Deuteranomaly

79.5543, 80.2033, 83.2393

Tritanomaly

78.0440, 80.0445, 92.2257

Monochromacy



Original Color

76.0982, 80.0805, 82.6804

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9975, 79.9648, 85.5580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0982, 80.0805, 82.6804 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(234, 231, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 231, 225)  
}
```

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(234, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 231, 225) }
```

Border

The CSS property to change the border of an element to XYZ 76.0982, 80.0805, 82.6804 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(234, 231, 225) }
```


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

```
.border{ border-color:rgb(234, 231, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 231, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 231, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 231, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 231,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0982, 80.0805, 82.6804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 231, 225) }
```

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

```
.background{ background-color: rgb(234,  
231, 225) }
```

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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