

Converting Colors

XYZ(75.8675, 81.3536, 82.7187)

Have a look what the booklet for
XYZ(75.8675, 81.3536, 82.7187)
contains.

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Color

**XYZ(75.9684, 81.2708,
82.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EAE1
RGB	231, 234, 225
RGB Percent	91%, 92%, 88%
CMY	0.0941, 0.0823, 0.1176
CMYK	0.01, 0.00, 0.04, 0.08
HSL	80°, 18%, 90%
HSV	80°, 4%, 92%
XYZ	75.9684, 81.2708, 82.9170
YIQ	232.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

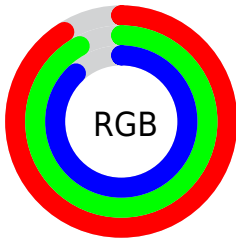
Format	Color
RYB	225, 234, 228
Decimal	15198945
CIELab	92.25, -2.59, 4.00
CIElCh	92, 4.766, 122.857
Yxy	81.2708, 0.3163, 0.3384
Android (android.graphics.Color)	4293389025 (0xFFE7EAE1)
YUV	232.0770, -3.4890, -0.9445
Hunter-Lab	90.1503, -7.3436, 8.5724

Details

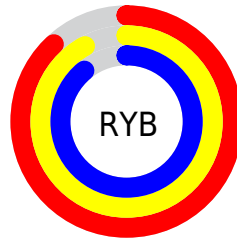
The XYZ color **75.9684, 81.2708, 82.9170** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7745, 76.2871, 88.6827**, and the grayscale version is **76.7861, 80.7849, 87.9748**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8553, 43.8570, 44.3422** is the 20% darker color. If you saturate the color by 10%, you get **70.5290, 78.8129, 67.1249**, and if you desaturate by 10%, it is **81.9624, 83.9687, 101.0221**.

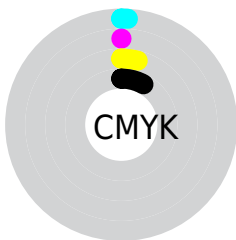
Distribution



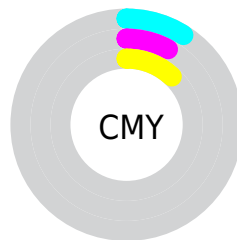
- Red (91%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9684, 81.2708, 82.9170 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 75.9684, 81.2708, 82.9170 by changing the saturation by 10% instead.

■ 75.9684, 81.2708,
82.9170

■ 75.9684, 81.2708,
82.9170

470.1856,
499.2053, 524.6736

■ 56.7036, 60.7647,
61.5815

126.6628,
135.1509, 139.3074

■ 41.0065, 44.0353,
44.2610

158.8231,
169.2937, 175.1994

■ 28.5119, 30.6982,
30.5371

196.0126,
208.7508, 216.7805

■ 18.8543, 20.3692,
19.9911

238.5967,
253.9067, 264.4695

■ 11.6684, 12.6637,
12.2045

286.9407,
305.1457, 318.6847

■ 6.5889, 7.1974,
6.7589

341.4099,

■ 3.2504, 3.5858,

362.8522, 379.8448

3.2356

402.3697,
427.4106, 448.3682

■ 1.2875, 1.4447,
1.2162

■ 0.1738, 0.2493,
0.0000

■ 75.9684, 81.2708,
82.9170

■ 75.9684, 81.2708,
82.9170

■ 70.5290, 78.8129,
67.1249

■ 81.9624, 83.9687,
101.0221

■ 65.6181, 76.5768,
53.5475

■ 85.6973, 85.7734,
106.6469

■ 61.2178, 74.5574,
42.0868

■ 88.5032, 87.2199,
106.7783

■ 57.3062, 72.7461,
32.6360

■ 88.7144, 87.3288,
106.7881

■ 53.8597, 71.1330,
25.0784

■ 50.8523, 69.7077,
19.2856

■ 48.2549, 68.4584,
15.1133

■ 46.0343, 67.3715,
12.3943

■ 44.1500, 66.4307,
10.9252

Harmonies

Analogous

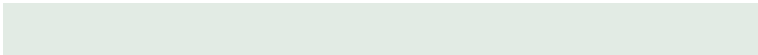
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1276, 81.2708, 81.8910



75.9684, 81.2708, 82.9170



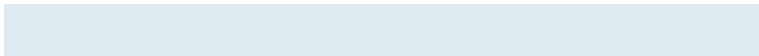
75.1583, 81.2708, 85.4334

Triad

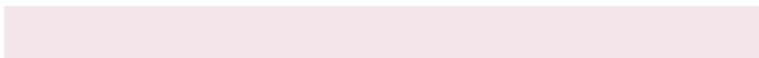
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9684, 81.2708, 82.9170



76.1706, 81.2708, 94.6604



79.6337, 81.2708, 88.1527

Complementary

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



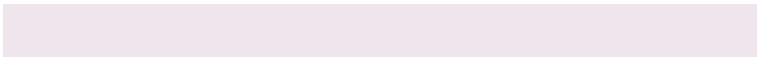
75.9684, 81.2708, 82.9170



73.7745, 76.2871, 88.6827

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.



79.3709, 81.2708, 91.6188



75.9684, 81.2708, 82.9170



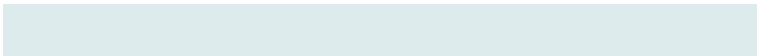
77.3635, 81.2708, 95.4345

Square

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



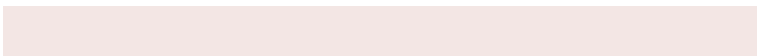
75.9684, 81.2708, 82.9170



75.2742, 81.2708, 92.2190



78.5367, 81.2708, 94.3075



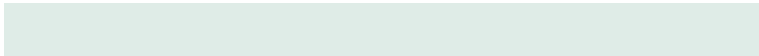
79.2509, 81.2708, 84.8631

Rectangle

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



75.9684, 81.2708, 82.9170



74.9206, 81.2708, 87.6498



78.5367, 81.2708, 94.3075



79.6179, 81.2708, 89.3357

Sweetspot

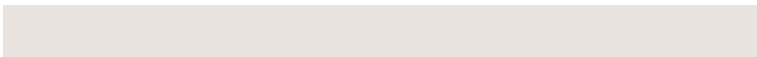
The Sweet Spot groups the original color and five complimentary colors.



75.9707, 81.2743, 82.9188



94.3298, 99.6758, 106.7374



75.2686, 78.4181, 82.4045



20.1981, 21.3382, 22.8690



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

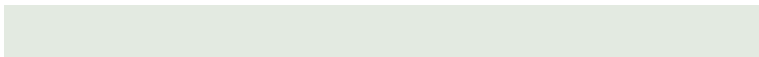
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9707, 81.2743, 82.9188



91.5167, 98.4079, 98.3726



74.5370, 80.5352, 82.8517



16.2889, 17.5657, 17.3587



24.3689, 37.1071, 5.8780



2.0148, 2.9660, 0.4663

Inverse Universe

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



73.7745, 76.2871, 88.6827



88.0597, 90.5573, 107.4458



75.2206, 77.0326, 88.7503



15.5928, 15.9848, 19.1858



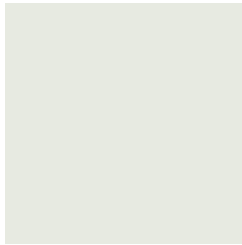
10.2339, 4.3117, 44.0358



0.9023, 0.3895, 3.4625

Previews

White Background



This preview shows how the XYZ color 75.9684, 81.2708, 82.9170 looks on a white background.

Color Contrast Check

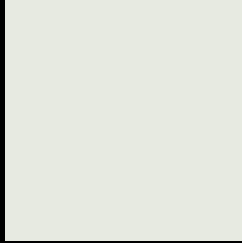
Large Text (above 18pt) WCAG AA × Fail

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 75.9684, 81.2708, 82.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

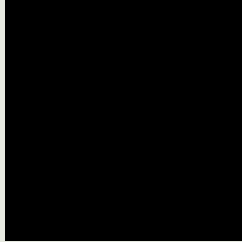
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

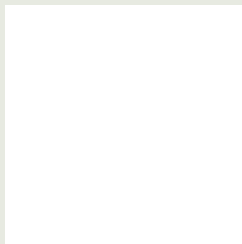
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9684, 81.2708, 82.9170

Background



This preview shows how black text looks on a background with the XYZ color 75.9684, 81.2708, 82.9170.



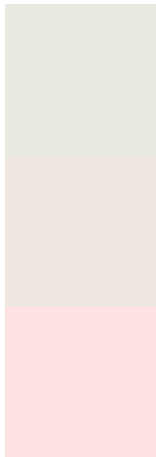
This preview shows how white text looks on a background with the XYZ color 75.9684, 81.2708,

82.9170.

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

75.9684, 81.2708, 82.9170

Protanopia

77.9078, 81.4458, 82.1354

Deuteranopia

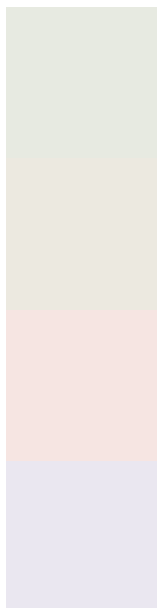
82.3015, 81.1988, 84.0082



Tritanopia

79.6566, 81.0953, 101.0771

Trichromacy



Original Color

75.9684, 81.2708, 82.9170

Protanomaly

77.1855, 81.4925, 82.1825

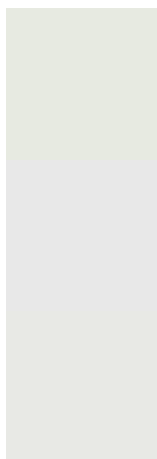
Deuteranomaly

79.7528, 81.1224, 83.4063

Tritanomaly

78.2358, 80.9355, 93.9367

Monochromacy



Original Color

75.9684, 81.2708, 82.9170

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.5605, 81.0908, 85.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9684, 81.2708, 82.9170 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, 234, 225) looks like.

```
.text, #text, p{  
    color:rgb(231, 234, 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(231, 234, 225) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 75.9684, 81.2708, 82.9170 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, 234, 225) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 75.9684, 81.2708, 82.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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