

Converting Colors

XYZ(76.5282, 82.7255, 88.2781)

Have a look what the booklet for
XYZ(76.5282, 82.7255, 88.2781)
contains.

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Color

**XYZ(76.5282, 82.7255,
88.2781)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EDE8
RGB	227, 237, 232
RGB Percent	89%, 93%, 91%
CMY	0.1098, 0.0706, 0.0902
CMYK	0.04, 0.00, 0.02, 0.07
HSL	150°, 22%, 91%
HSV	150°, 4%, 93%
XYZ	76.5282, 82.7255, 88.2781
YIQ	233.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

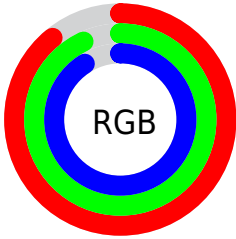
Format	Color
RYB	227, 234, 237
Decimal	14937576
CIELab	92.89, -4.22, 1.26
CIELCh	93, 4.399, 163.409
Yxy	82.7255, 0.3092, 0.3342
Android (android.graphics.Color)	4293127656 (0xFFE3EDE8)
YUV	233.4400, -0.7099, -5.6479
Hunter-Lab	90.9536, -8.9791, 6.1215

Details

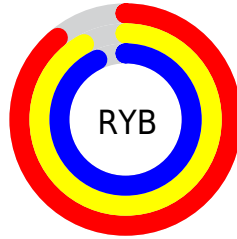
The XYZ color **76.5282, 82.7255, 88.2781** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **76.9626, 78.7709, 87.4958**, and the grayscale version is **77.7932, 81.8445, 89.1286**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3736, 44.9530, 47.5705** is the 20% darker color. If you saturate the color by 10%, you get **67.9342, 78.4855, 79.3811**, and if you desaturate by 10%, it is **86.2695, 87.5485, 97.8252**.

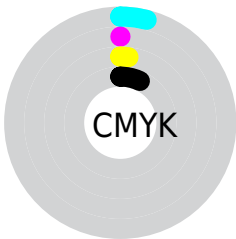
Distribution



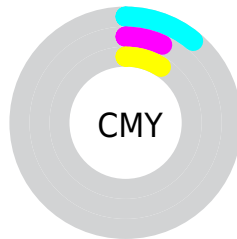
- Red (89%)
- Green (93%)
- Blue (91%)



- Red (89%)
- Yellow (92%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5282, 82.7255, 88.2781 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 76.5282, 82.7255, 88.2781 by changing the saturation by 10% instead.

76.5282, 82.7255,
88.2781

76.5282, 82.7255,
88.2781

472.0705,
504.0712, 542.8384

57.1643, 61.9637,
65.9878

127.4497,
137.1909, 146.8588

41.3778, 45.0034,
47.8060

159.7379,
171.6634, 183.9863

28.8034, 31.4601,
33.3144

197.0650,
211.4749, 226.8965

19.0757, 20.9495,
22.0943

239.7963,
257.0097, 276.0081

11.8293, 13.0871,
13.7273

288.2972,
308.6524, 331.7395

6.6989, 7.4885,
7.7946

342.9329,

3.3192, 3.7695,

366.7873, 394.5093

3.8779

404.0689,
431.7988, 464.7361

■ 1.3247, 1.5454,
1.5586

■ 0.2016, 0.3204,
0.2610

■ 76.5282, 82.7255,
88.2781

■ 76.5282, 82.7255,
88.2781

■ 67.9342, 78.4855,
79.3811

■ 86.2695, 87.5485,
97.8252

■ 60.4365, 74.7955,
71.1151

■ 89.5758, 89.0516,
107.0753

■ 53.9905, 71.6350,
63.4677

■ 48.5458, 68.9784,
56.4243

■ 44.0476, 66.7978,
49.9696

■ 40.4358, 65.0623,
44.0873

■ 37.6427, 63.7374,
38.7607

■ 35.5903, 62.7832,
33.9718

■ 34.1838, 62.1512,
29.7011

Harmonies

Analogous

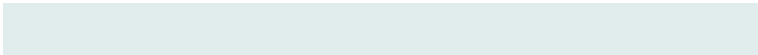
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1185, 82.7255, 85.5520



76.5282, 82.7255, 88.2781



76.4970, 82.7255, 91.5504

Triad

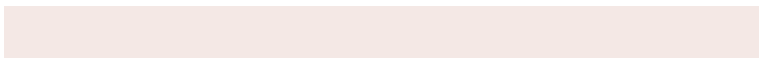
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5282, 82.7255, 88.2781



79.1419, 82.7255, 96.3748



80.2452, 82.7255, 85.7924

Complementary

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



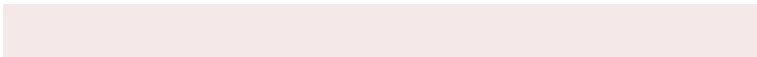
76.5282, 82.7255, 88.2781



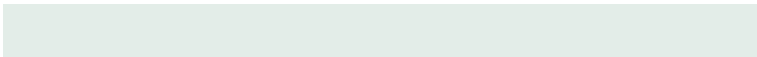
76.9626, 78.7709, 87.4958

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.



80.7984, 82.7255, 88.6136



76.5282, 82.7255, 88.2781



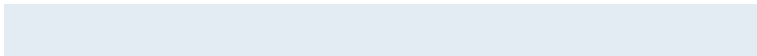
80.1573, 82.7255, 94.7527

Square

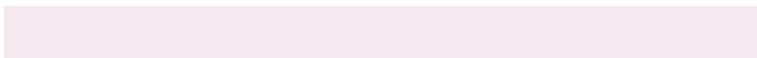
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



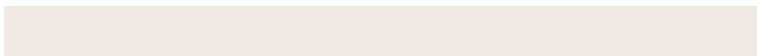
76.5282, 82.7255, 88.2781



77.9985, 82.7255, 96.2796



80.7661, 82.7255, 91.8941



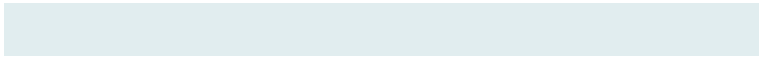
79.2611, 82.7255, 84.1409

Rectangle

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



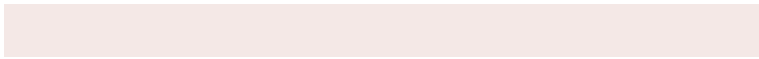
76.5282, 82.7255, 88.2781



76.7969, 82.7255, 93.6056



80.7661, 82.7255, 91.8941



80.4882, 82.7255, 86.6323

Sweetspot

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



76.5305, 82.7290, 88.2799



93.9134, 99.4377, 107.7784



77.4851, 83.3021, 84.6691



20.1133, 21.2897, 23.0809



0.0000, 0.0000, 0.0000



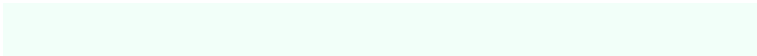
20.3446, 21.4041, 23.3091

Same Dimension

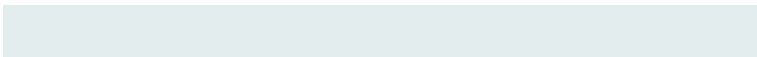
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5305, 82.7290, 88.2799



89.5039, 97.2575, 103.3695



77.2273, 83.0077, 91.9492



15.8841, 17.3343, 18.3626



18.4005, 33.8147, 15.3402



1.4934, 2.6747, 1.4603

Inverse Universe

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



76.9626, 78.7709, 87.4958



90.1074, 91.7295, 102.2744



76.2847, 78.4998, 83.9261



16.0056, 16.2212, 18.1421



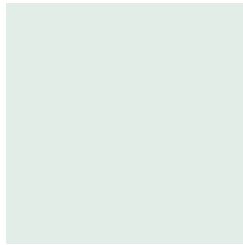
20.9371, 10.5775, 10.7359



1.6926, 0.8500, 1.0987

Previews

White Background



This preview shows how the XYZ color 76.5282, 82.7255, 88.2781 looks on a white background.

Color Contrast Check

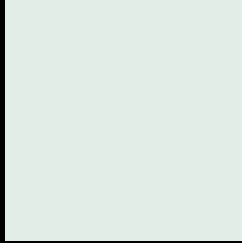
Large Text (above 18pt) WCAG AA × Fail

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 76.5282, 82.7255, 88.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

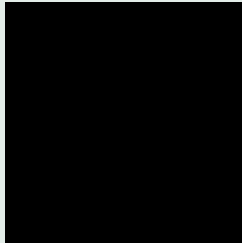
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

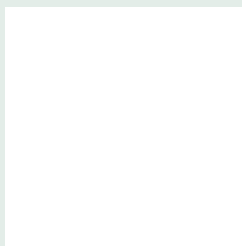
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5282, 82.7255, 88.2781

Background



This preview shows how black text looks on a background with the XYZ color 76.5282, 82.7255, 88.2781.



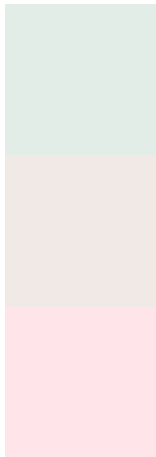
This preview shows how white text looks on a background with the XYZ color 76.5282, 82.7255,

88.2781.

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

76.5282, 82.7255, 88.2781

Protanopia

79.3570, 82.5163, 86.6076

Deuteranopia

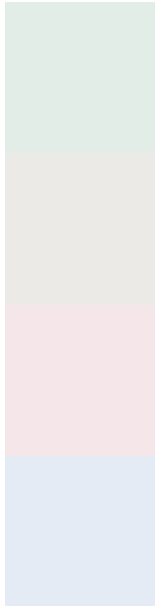
83.8347, 82.6873, 89.3836



Tritanopia

79.6266, 82.6969, 103.8608

Trichromacy



Original Color

76.5282, 82.7255, 88.2781

Protanomaly

78.1076, 82.2773, 87.3657

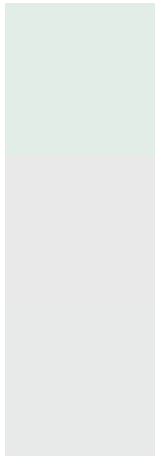
Deuteranomaly

80.9401, 82.4475, 88.7388

Tritanomaly

78.5029, 82.6672, 98.2050

Monochromacy



Original Color

76.5282, 82.7255, 88.2781

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.0858, 81.7178, 88.8010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5282, 82.7255, 88.2781 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(227, 237, 232) looks like.

```
.text, #text, p{  
    color:rgb(227, 237, 232)  
}
```

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(227, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 237, 232) }
```

Border

The CSS property to change the border of an element to XYZ 76.5282, 82.7255, 88.2781 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(227, 237, 232) }
```


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

```
.border{ border-color:rgb(227, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 237,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5282, 82.7255, 88.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 237, 232) }
```

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

```
.background{ background-color: rgb(227,  
237, 232) }
```

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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