

Converting Colors

XYZ(75.4841, 82.2811, 86.8831)

Have a look what the booklet for
XYZ(75.4841, 82.2811, 86.8831)
contains.

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Color

**XYZ(75.3076, 82.1288,
86.7462)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EDE6
RGB	224, 237, 230
RGB Percent	88%, 93%, 90%
CMY	0.1216, 0.0706, 0.0980
CMYK	0.05, 0.00, 0.03, 0.07
HSL	148°, 27%, 90%
HSV	148°, 5%, 93%
XYZ	75.3076, 82.1288, 86.7462
YIQ	232.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

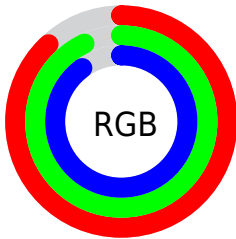
Format	Color
RYB	224, 233, 237
Decimal	14740966
CIELab	92.63, -5.57, 1.89
CIELCh	93, 5.883, 161.273
Yxy	82.1288, 0.3084, 0.3363
Android (android.graphics.Color)	4292931046 (0xFFE0EDE6)
YUV	232.3150, -1.1413, -7.2923
Hunter-Lab	90.6249, -10.2635, 6.6851

Details

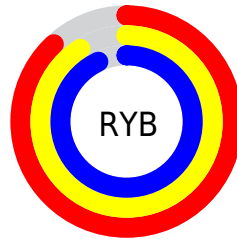
The XYZ color **75.3076, 82.1288, 86.7462** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0075, 77.0875, 86.4787**, and the grayscale version is **76.9509, 80.9583, 88.1636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6239, 44.5779, 47.0207** is the 20% darker color. If you saturate the color by 10%, you get **66.7409, 77.9144, 77.3285**, and if you desaturate by 10%, it is **85.0341, 86.9305, 96.9069**.

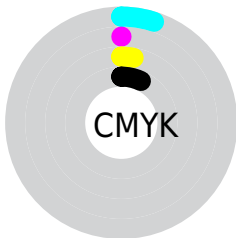
Distribution



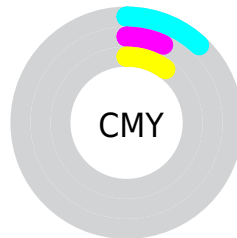
- Red (88%)
- Green (93%)
- Blue (90%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3076, 82.1288, 86.7462 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 75.3076, 82.1288, 86.7462 by changing the saturation by 10% instead.

■ 75.3076, 82.1288,
86.7462

■ 75.3076, 82.1288,
86.7462

467.9551,
502.0784, 537.6831

■ 56.1600, 61.4717,
64.7268

125.7333,
136.3546, 144.7061

■ 40.5687, 44.6060,
46.7896

157.7420,
170.6921, 181.4836

■ 28.1684, 31.1472,
32.5162

194.7686,
210.3585, 224.0176

■ 18.5938, 20.7109,
21.4880

237.1782,
255.7383, 272.7265

■ 11.4794, 12.9129,
13.2865

285.3363,
307.2158, 328.0290

■ 6.4599, 7.3686,
7.4931

339.6083,

■ 3.1700, 3.6937,

365.1754, 390.3436

3.6892

400.3594,
430.0014, 460.0887

■ 1.2443, 1.5037,
1.4565

■ 0.1409, 0.2913,
0.1852

■ 75.3076, 82.1288,
86.7462

■ 75.3076, 82.1288,
86.7462

■ 66.7409, 77.9144,
77.3285

■ 85.0341, 86.9305,
96.9069

■ 59.2821, 74.2541,
68.6317

■ 89.5757, 89.0515,
107.0752

■ 52.8857, 71.1268,
60.6404

■ 47.5001, 68.5065,
53.3364

■ 43.0694, 66.3647,
46.7010

■ 39.5317, 64.6698,
40.7145

■ 36.8178, 63.3865,
35.3560

■ 34.8471, 62.4737,
30.6032

■ 33.5210, 61.8810,
26.4323

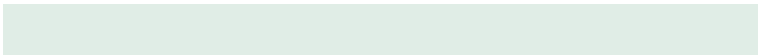
Harmonies

Analogous

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



76.1362, 82.1288, 83.2398



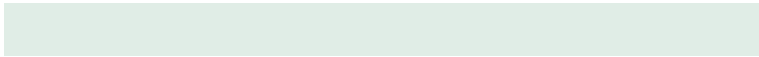
75.3076, 82.1288, 86.7462



75.2110, 82.1288, 91.0816

Triad

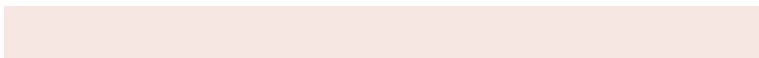
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3076, 82.1288, 86.7462



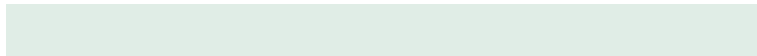
78.6375, 82.1288, 97.9450



80.2932, 82.1288, 83.9804

Complementary

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



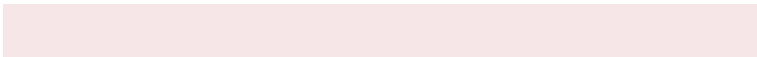
75.3076, 82.1288, 86.7462



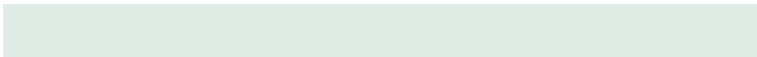
76.0075, 77.0875, 86.4787

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.



80.9820, 82.1288, 87.7872



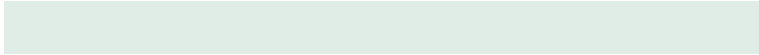
75.3076, 82.1288, 86.7462



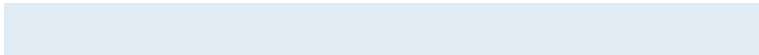
80.0179, 82.1288, 95.9078

Square

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



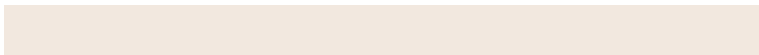
75.3076, 82.1288, 86.7462



77.1202, 82.1288, 97.6440



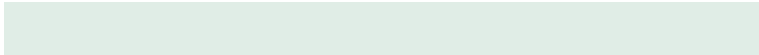
80.8806, 82.1288, 92.1570



79.0094, 82.1288, 81.6793

Rectangle

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



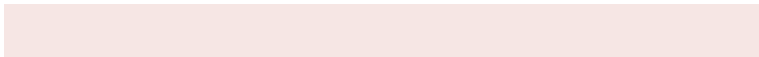
75.3076, 82.1288, 86.7462



75.5732, 82.1288, 93.8701



80.8806, 82.1288, 92.1570



80.6027, 82.1288, 85.1211

Sweetspot

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



75.3099, 82.1323, 86.7480



92.7594, 98.8699, 106.5008



76.7452, 82.9679, 82.4918



19.8783, 21.1741, 22.8208



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

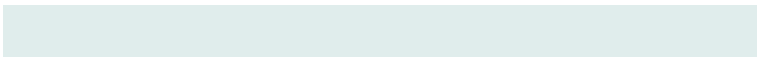
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3099, 82.1323, 86.7480



87.2756, 96.1665, 100.6576



76.2187, 82.4958, 91.5338



15.5088, 17.1508, 17.8941



18.1162, 33.7009, 13.8429



1.4707, 2.6656, 1.3403

Inverse Universe

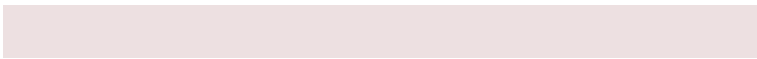
The Inverse Universe completely reimagines the original color for something new.



76.0075, 77.0875, 86.4787



88.3197, 88.6161, 100.2545



75.1261, 76.7350, 81.8372



15.7092, 15.7017, 17.8168



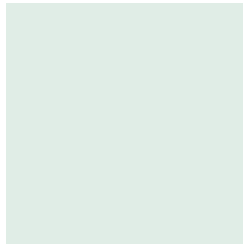
21.2494, 10.7025, 12.3809



1.7171, 0.8598, 1.2276

Previews

White Background



This preview shows how the XYZ color 75.3076, 82.1288, 86.7462 looks on a white background.

Color Contrast Check

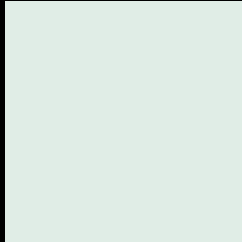
Large Text (above 18pt) WCAG AA × Fail

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 75.3076, 82.1288, 86.7462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

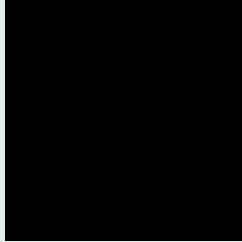
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

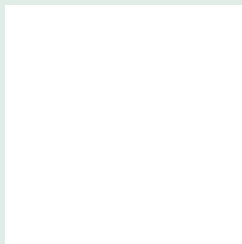
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3076, 82.1288, 86.7462

Background



This preview shows how black text looks on a background with the XYZ color 75.3076, 82.1288, 86.7462.



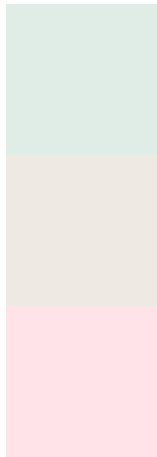
This preview shows how white text looks on a background with the XYZ color 75.3076, 82.1288,

86.7462.

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

75.3076, 82.1288, 86.7462

Protanopia

78.7391, 82.2300, 85.1208

Deuteranopia

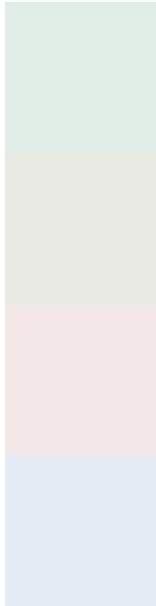
83.2746, 82.0244, 87.7872



Tritanopia

78.9884, 82.3679, 103.8309

Trichromacy



Original Color

75.3076, 82.1288, 86.7462

Protanomaly

77.4974, 81.9952, 85.8708

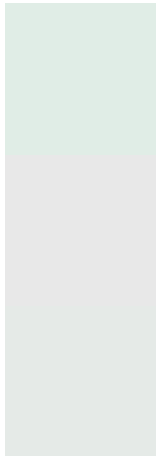
Deuteranomaly

80.3079, 82.1544, 87.2260

Tritanomaly

77.7160, 82.2792, 97.3734

Monochromacy



Original Color

75.3076, 82.1288, 86.7462

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1597, 81.2732, 87.2745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3076, 82.1288, 86.7462 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(224, 237, 230) looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 230)  
}
```

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(224, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.3076, 82.1288, 86.7462 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(224, 237, 230) }
```


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

```
.border{ border-color:rgb(224, 237, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 237, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3076, 82.1288, 86.7462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 230) }
```

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

```
.background{ background-color: rgb(224,  
237, 230) }
```

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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