

Converting Colors

XYZ(75.7548, 81.8816, 88.9028)

Have a look what the booklet for
XYZ(75.7548, 81.8816, 88.9028)
contains.

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Color

**XYZ(75.7548, 81.8816,
88.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ECE9
RGB	225, 236, 233
RGB Percent	88%, 93%, 91%
CMY	0.1176, 0.0745, 0.0863
CMYK	0.05, 0.00, 0.01, 0.07
HSL	164°, 22%, 90%
HSV	164°, 5%, 93%
XYZ	75.7548, 81.8816, 88.9028
YIQ	232.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

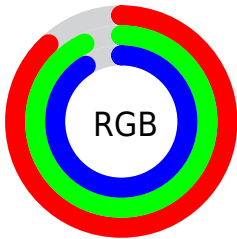
Format	Color
R _Y B	225, 231, 236
Decimal	14806249
CIE Lab	92.52, -4.19, 0.18
CIE LCh	93, 4.191, 177.583
Yxy	81.8816, 0.3073, 0.3321
Android (android.graphics.Color)	4292996329 (0xFFE1ECE9)
YUV	232.3690, 0.3111, -6.4626
Hunter-Lab	90.4885, -8.9188, 5.0909

Details

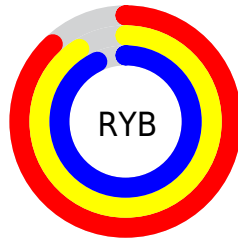
The XYZ color **75.7548, 81.8816, 88.9028** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.5239, 77.2870, 84.3402**, and the grayscale version is **76.9808, 80.9898, 88.1979**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8346, 44.3629, 48.0057** is the 20% darker color. If you saturate the color by 10%, you get **67.9968, 77.9889, 83.8241**, and if you desaturate by 10%, it is **84.5680, 86.3190, 94.2097**.

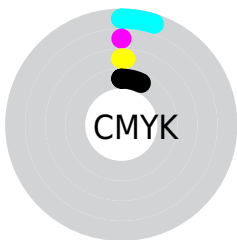
Distribution



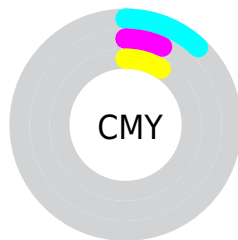
- Red (88%)
- Green (93%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7548, 81.8816, 88.9028 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 75.7548, 81.8816, 88.9028 by changing the saturation by 10% instead.

75.7548, 81.8816,
88.9028

75.7548, 81.8816,
88.9028

469.4652,
501.2516, 544.9329

56.5278, 61.2679,
66.5024

126.3624,
136.0080, 147.7356

40.8649, 44.4414,
48.2213

158.4738,
170.2894, 185.0050

28.4008, 31.0177,
33.6409

195.6107,
209.8957, 228.0679

18.7700, 20.6123,
22.3428

238.1385,
255.2110, 277.3428

11.6072, 12.8409,
13.9083

286.4224,
306.6199, 333.2482

6.5471, 7.3191,
7.9189

340.8280,

3.2243, 3.6625,

364.5067, 396.2027

3.9560

401.7205,
429.2558, 466.6247

■ 1.2735, 1.4866,
1.6013

■ 0.1632, 0.2793,
0.2917

■ 75.7548, 81.8816,
88.9028

■ 75.7548, 81.8816,
88.9028

■ 67.9968, 77.9889,
83.8241

■ 84.5680, 86.3190,
94.2097

■ 61.2452, 74.6089,
78.9644

■ 87.8541, 87.9008,
99.4335

■ 55.4576, 71.7221,
74.3215

■ 88.8598, 88.3031,
104.7295

■ 50.5861, 69.3037,
69.8913

■ 89.2870, 88.4739,
106.9790

■ 46.5782, 67.3269,
65.6693

■ 43.3762, 65.7618,
61.6510

■ 40.9152, 64.5751,
57.8312

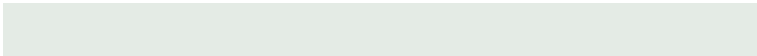
■ 39.1195, 63.7278,
54.2044

■ 37.8970, 63.1724,
50.7642

Harmonies

Analogous

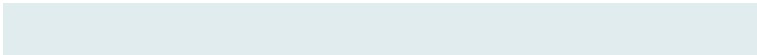
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0736, 81.8816, 85.9822



75.7548, 81.8816, 88.9028



75.9867, 81.8816, 91.9579

Triad

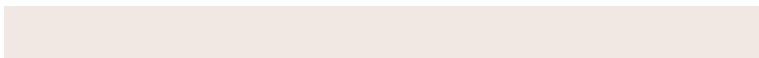
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7548, 81.8816, 88.9028



78.7986, 81.8816, 94.5709



78.9527, 81.8816, 84.1931

Complementary

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



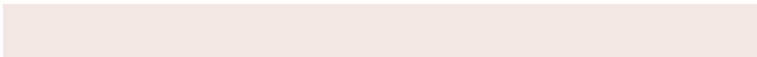
75.7548, 81.8816, 88.9028



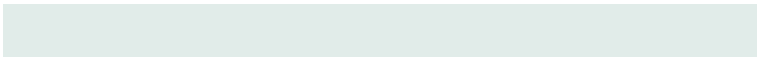
75.5239, 77.2870, 84.3402

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.



79.6947, 81.8816, 86.4100



75.7548, 81.8816, 88.9028



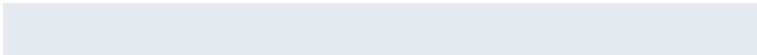
79.6052, 81.8816, 92.4052

Square

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



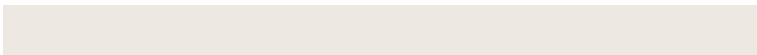
75.7548, 81.8816, 88.9028



77.7378, 81.8816, 95.2753



79.9346, 81.8816, 89.4080



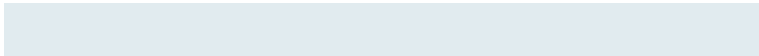
77.9142, 81.8816, 83.3029

Rectangle

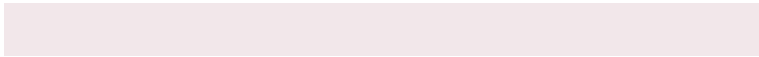
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



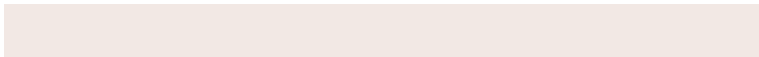
75.7548, 81.8816, 88.9028



76.4236, 81.8816, 93.6512



79.9346, 81.8816, 89.4080



79.2454, 81.8816, 84.8053

Sweetspot

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



75.7571, 81.8851, 88.9046



94.0062, 99.4748, 108.2672



75.6207, 81.9438, 83.0666



20.1322, 21.2972, 23.1803



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.



75.7571, 81.8851, 88.9046



88.9782, 96.9467, 105.1439



75.5081, 80.6945, 90.9568



15.8118, 17.2886, 18.7410



20.6735, 34.7239, 27.3093



1.6634, 2.7427, 2.3553

Inverse Universe

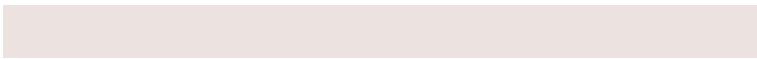
The Inverse Universe completely reimagines the original color for something new.



75.5239, 77.2870, 84.3402



88.6222, 89.9278, 98.1766



75.7595, 78.4197, 82.3791



15.7421, 15.9140, 17.3765



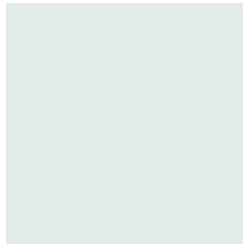
19.6311, 10.0551, 3.8588



1.5808, 0.8053, 0.5099

Previews

White Background



This preview shows how the XYZ color 75.7548, 81.8816, 88.9028 looks on a white background.

Color Contrast Check

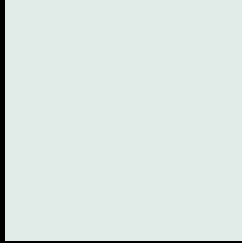
Large Text (above 18pt) WCAG AA × Fail

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 75.7548, 81.8816, 88.9028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

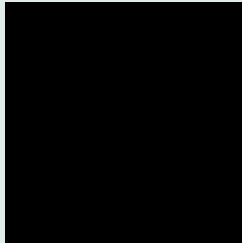
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

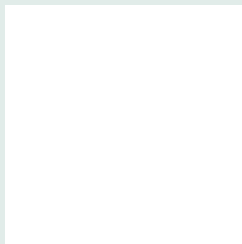
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7548, 81.8816, 88.9028

Background



This preview shows how black text looks on a background with the XYZ color 75.7548, 81.8816, 88.9028.



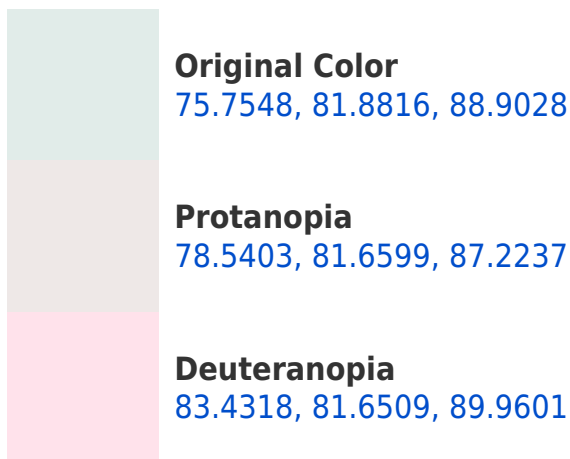
This preview shows how white text looks on a background with the XYZ color 75.7548, 81.8816,

88.9028.

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

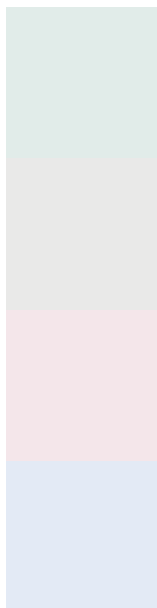




Tritanopia

78.7045, 81.8001, 103.7363

Trichromacy



Original Color

75.7548, 81.8816, 88.9028

Protanomaly

77.3087, 81.4277, 87.9864

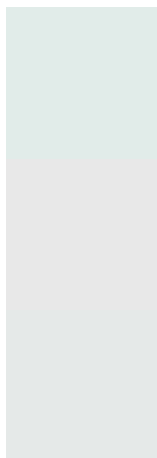
Deuteranomaly

80.4563, 81.7672, 89.3841

Tritanomaly

77.5828, 81.7691, 98.0802

Monochromacy



Original Color

75.7548, 81.8816, 88.9028

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0175, 80.7620, 87.9260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7548, 81.8816, 88.9028 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(225, 236, 233) looks like.

```
.text, #text, p{  
    color:rgb(225, 236, 233)  
}
```

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(225, 236, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 236, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.7548, 81.8816, 88.9028 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(225, 236, 233) }
```


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

```
.border{ border-color:rgb(225, 236, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 236, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 236, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 236, 233);  
box-shadow:4px 4px 4px 4px rgb(225, 236,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7548, 81.8816, 88.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 236, 233) }
```

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

```
.background{ background-color: rgb(225,  
236, 233) }
```

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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