

Converting Colors

XYZ(75.3263, 80.4057, 86.9522)

Have a look what the booklet for
XYZ(75.3263, 80.4057, 86.9522)
contains.

XYZ(75.2413, 80.3782, 87.1502)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.2413, 80.3782,
87.1502)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E9E7
RGB	227, 233, 231
RGB Percent	89%, 91%, 91%
CMY	0.1098, 0.0863, 0.0941
CMYK	0.03, 0.00, 0.01, 0.09
HSL	160°, 12%, 90%
HSV	160°, 3%, 91%
XYZ	75.2413, 80.3782, 87.1502
YIQ	230.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

Format	Color
R_YB	227, 231, 233
Decimal	14936551
CIE Lab	91.85, -2.36, 0.26
CIE LCh	92, 2.371, 173.679
Yxy	80.3782, 0.3099, 0.3311
Android (android.graphics.Color)	4293126631 (0xFFE3E9E7)
YUV	230.9780, 0.0108, -3.4887
Hunter-Lab	89.6539, -7.0896, 5.1235

Details

The XYZ color **75.2413, 80.3782, 87.1502** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2192, 77.9211, 85.2086**, and the grayscale version is **75.9427, 79.8976, 87.0085**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4733, 43.3101, 46.7840** is the 20% darker color. If you saturate the color by 10%, you get **67.3101, 76.4159, 81.1733**, and if you desaturate by 10%, it is **84.2204, 84.8796, 93.4342**.

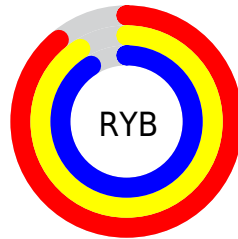
Distribution



Red (89%)

Green (91%)

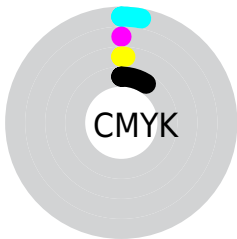
Blue (91%)



Red (89%)

Yellow (91%)

Blue (91%)

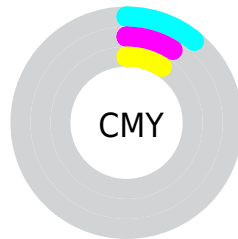


Cyan (3%)

Magenta (0%)

Yellow (1%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2413, 80.3782, 87.1502 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 75.2413, 80.3782, 87.1502 by changing the saturation by 10% instead.

■ 75.2413, 80.3782,
87.1502

■ 75.2413, 80.3782,
87.1502

467.7309,
496.2065, 539.0453

■ 56.1055, 60.0296,
65.0592

125.6400,
133.8973, 145.2742

■ 40.5248, 43.4425,
47.0574

157.6335,
167.8367, 182.1442

■ 28.1340, 30.2325,
32.7264

194.6436,
207.0751, 224.7777

■ 18.5677, 20.0151,
21.6475

237.0357,
251.9969, 273.5931

■ 11.4605, 12.4060,
13.4023

285.1752,
302.9866, 329.0091

■ 6.4470, 7.0208,
7.5722

339.4273,

■ 3.1620, 3.4751,

360.4284, 391.4441

3.7386

400.1574,
424.7070, 461.3166

■ 1.2400, 1.3845,
1.4831

■ 0.1376, 0.2053,
0.2053

■ 75.2413, 80.3782,
87.1502

■ 75.2413, 80.3782,
87.1502

■ 67.3101, 76.4159,
81.1733

■ 84.2204, 84.8796,
93.4342

■ 60.3797, 72.9617,
75.4932

■ 87.1003, 86.2288,
99.6891

■ 54.4094, 69.9969,
70.1061

■ 88.3230, 86.7179,
106.1276

■ 49.3531, 67.4980,
65.0066

■ 88.4304, 86.7608,
106.6935

■ 45.1607, 65.4390,
60.1888

■ 41.7771, 63.7917,
55.6467

■ 39.1407, 62.5244,
51.3737

■ 37.1805, 61.6007,
47.3627

■ 35.8110, 60.9764,
43.6060

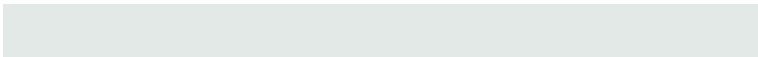
Harmonies

Analogous

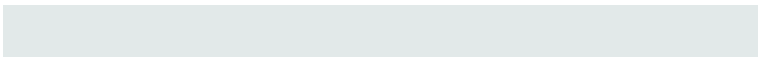
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4593, 80.3782, 85.5506



75.2413, 80.3782, 87.1502



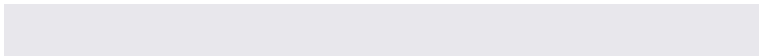
75.3317, 80.3782, 88.8694

Triad

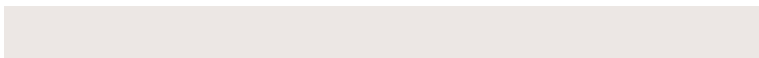
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2413, 80.3782, 87.1502



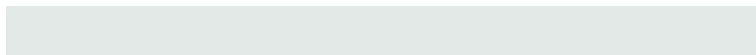
76.8674, 80.3782, 90.6195



77.0914, 80.3782, 84.8489

Complementary

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



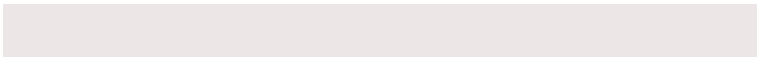
75.2413, 80.3782, 87.1502



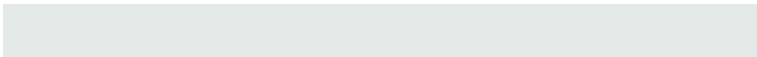
75.2192, 77.9211, 85.2086

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.



77.4724, 80.3782, 86.1808



75.2413, 80.3782, 87.1502



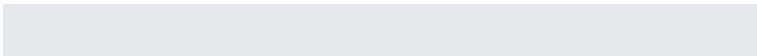
77.3426, 80.3782, 89.5158

Square

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



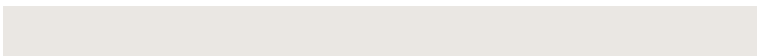
75.2413, 80.3782, 87.1502



76.2685, 80.3782, 90.8874



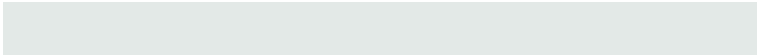
77.5646, 80.3782, 87.8872



76.5258, 80.3782, 84.2333

Rectangle

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



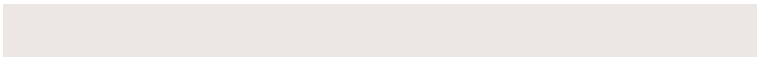
75.2413, 80.3782, 87.1502



75.5549, 80.3782, 89.8503



77.5646, 80.3782, 87.8872



77.2455, 80.3782, 85.2268

Sweetspot

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



75.2436, 80.3816, 87.1520



93.9813, 99.4649, 108.1363



75.3518, 80.5020, 84.2413



20.1271, 21.2952, 23.1537



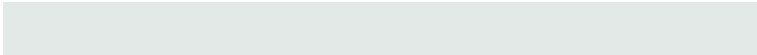
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

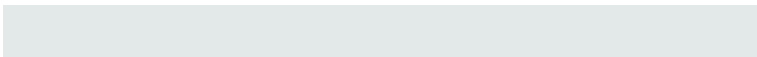
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2436, 80.3816, 87.1520



91.8829, 98.4145, 106.6203



75.2740, 79.9869, 88.5664



16.2930, 17.5321, 18.9673



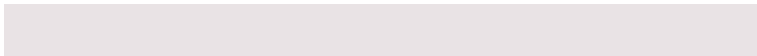
19.9622, 34.4394, 23.5639



1.6119, 2.7221, 2.0838

Inverse Universe

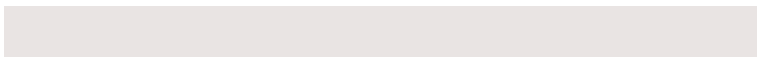
The Inverse Universe completely reimagines the original color for something new.



75.2192, 77.9211, 85.2086



91.8480, 94.8919, 103.8380



75.1879, 78.3038, 83.8257



16.2852, 16.7446, 18.3453



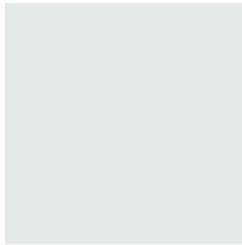
19.8947, 10.1606, 5.2469



1.6054, 0.8151, 0.6395

Previews

White Background



This preview shows how the XYZ color 75.2413, 80.3782, 87.1502 looks on a white background.

Color Contrast Check

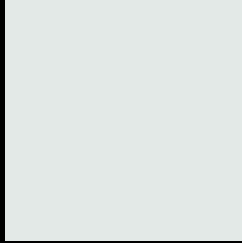
Large Text (above 18pt) WCAG AA × Fail

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 75.2413, 80.3782, 87.1502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

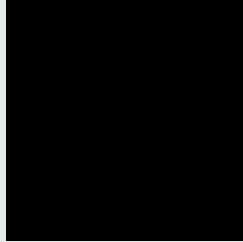
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

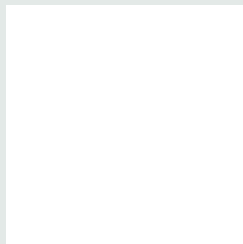
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2413, 80.3782, 87.1502

Background



This preview shows how black text looks on a background with the XYZ color 75.2413, 80.3782, 87.1502.



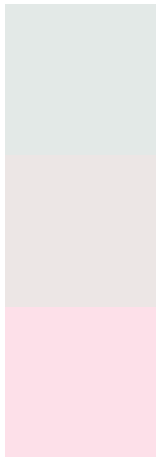
This preview shows how white text looks on a background with the XYZ color 75.2413, 80.3782,

87.1502.

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

75.2413, 80.3782, 87.1502

Protanopia

77.0317, 80.0836, 85.5264

Deuteranopia

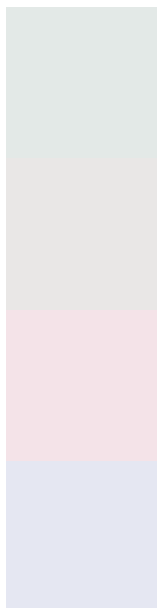
81.8716, 80.0771, 88.2321



Tritanopia

78.0288, 80.2562, 101.0010

Trichromacy



Original Color

75.2413, 80.3782, 87.1502

Protanomaly

76.4631, 80.1886, 86.3108

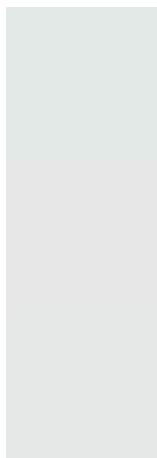
Deuteranomaly

79.3428, 79.9975, 87.6032

Tritanomaly

76.9160, 80.2206, 95.4346

Monochromacy



Original Color

75.2413, 80.3782, 87.1502

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9135, 80.3057, 87.1008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2413, 80.3782, 87.1502 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, 233, 231) looks like.

```
.text, #text, p{  
    color:rgb(227, 233, 231)  
}
```

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, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 233, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.2413, 80.3782, 87.1502 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, 233, 231) }
```


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

```
.border{ border-color:rgb(227, 233, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 233, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 233, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 233, 231);  
box-shadow:4px 4px 4px 4px rgb(227, 233,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2413, 80.3782, 87.1502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 233, 231) }
```

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

```
.background{ background-color: rgb(227,  
233, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor