

Converting Colors

XYZ(78.2087, 81.5279, 87.3194)

Have a look what the booklet for
XYZ(78.2087, 81.5279, 87.3194)
contains.

XYZ(78.2055, 81.4873, 87.2081)	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(78.2055, 81.4873,
87.2081)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE8E7
RGB	237, 232, 231
RGB Percent	93%, 91%, 91%
CMY	0.0706, 0.0902, 0.0941
CMYK	0.00, 0.02, 0.03, 0.07
HSL	10°, 14%, 92%
HSV	10°, 3%, 93%
XYZ	78.2055, 81.4873, 87.2081
YIQ	233.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

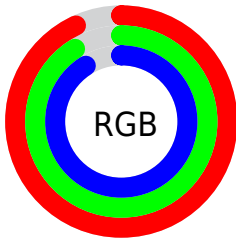
Format	Color
R _Y B	237, 232, 231
Decimal	15591655
CIE Lab	92.35, 1.51, 1.07
CIE LCh	92, 1.852, 35.334
Yxy	81.4873, 0.3167, 0.3300
Android (android.graphics.Color)	4293781735 (0xFFE8E7)
YUV	233.3810, -1.1738, 3.1739
Hunter-Lab	90.2703, -3.3300, 5.9105

Details

The XYZ color **78.2055, 81.4873, 87.2081** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2365, 83.0932, 92.0370**, and the grayscale version is **77.7480, 81.7969, 89.0768**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3193, 43.9696, 46.8140** is the 20% darker color. If you saturate the color by 10%, you get **69.8364, 69.7474, 69.0068**, and if you desaturate by 10%, it is **87.6563, 94.6631, 108.0081**.

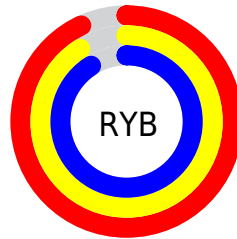
Distribution



Red (93%)

Green (91%)

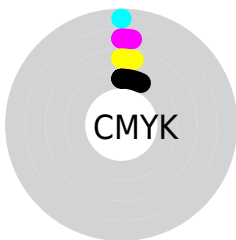
Blue (91%)



Red (93%)

Yellow (91%)

Blue (91%)

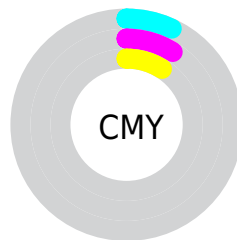


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2055, 81.4873, 87.2081 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 78.2055, 81.4873, 87.2081 by changing the saturation by 10% instead.

78.2055, 81.4873,
87.2081

78.2055, 81.4873,
87.2081

477.6936,
499.9311, 539.2404

58.5462, 60.9430,
65.1068

129.8036,
135.4548, 145.3556

42.4929, 44.1792,
47.0958

162.4731,
169.6468, 182.2389

29.6802, 30.8114,
32.7565

200.2100,
209.1568, 224.8866

19.7428, 20.4553,
21.6704

243.3797,
254.3692, 273.7173

12.3154, 12.7264,
13.4189

292.3476,
305.6685, 329.1494

7.0326, 7.2404,
7.5835

347.4790,

3.5290, 3.6129,

363.4390, 391.6017

3.7457

409.1392,
428.0650, 461.4925

■ 1.4393, 1.4595,
1.4869

■ 0.2840, 0.2599,
0.2081

■ 78.2055, 81.4873,
87.2081

■ 78.2055, 81.4873,
87.2081

■ 69.8364, 69.7474,
69.0068

■ 87.6563, 94.6631,
108.0081

■ 62.5034, 59.3845,
53.2967

■ 88.7355, 96.7448,
108.6045

■ 56.1679, 50.3511,
39.9708

■ 50.7863, 42.5931,
28.9121

■ 46.3116, 36.0527,
19.9939

■ 42.6927, 30.6674,
13.0766

■ 39.8734, 26.3693,
8.0045

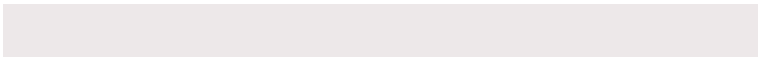
■ 37.7904, 23.0829,
4.5983

■ 36.3701, 20.7230,
2.6425

Harmonies

Analogous

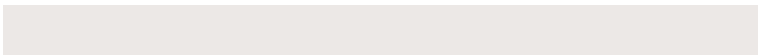
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3725, 81.4873, 88.4807



78.2055, 81.4873, 87.2081



77.8365, 81.4873, 86.3488

Triad

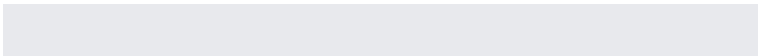
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2055, 81.4873, 87.2081



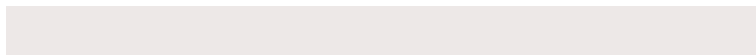
76.6167, 81.4873, 87.6289



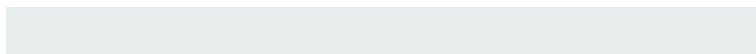
77.5369, 81.4873, 91.3798

Complementary

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



78.2055, 81.4873, 87.2081



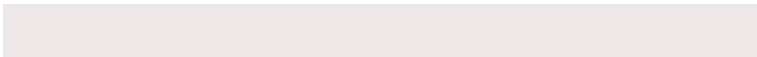
78.2365, 83.0932, 92.0370

Split Complementary

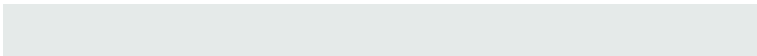
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0673, 81.4873, 91.1460



78.2055, 81.4873, 87.2081



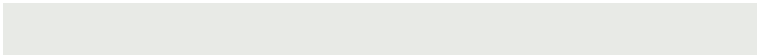
76.5373, 81.4873, 88.9714

Square

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



78.2055, 81.4873, 87.2081



76.9195, 81.4873, 86.5900



76.7018, 81.4873, 90.2610



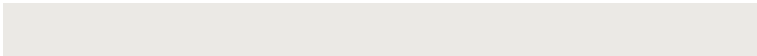
77.9855, 81.4873, 90.8965

Rectangle

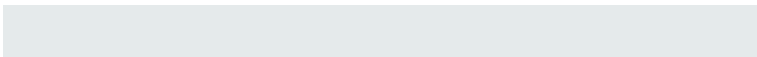
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



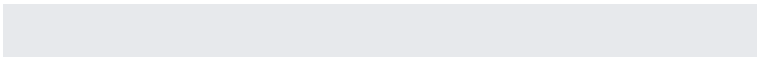
78.2055, 81.4873, 87.2081



77.5262, 81.4873, 86.1211



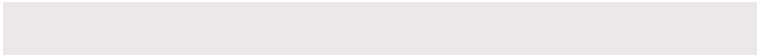
76.7018, 81.4873, 90.2610



77.3763, 81.4873, 91.3825

Sweetspot

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



78.2078, 81.4908, 87.2099



93.9685, 98.4896, 106.5275



78.6425, 81.2138, 90.8889



20.1245, 21.0968, 22.8263



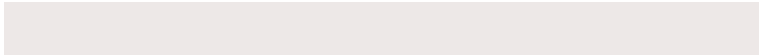
0.0000, 0.0000, 0.0000



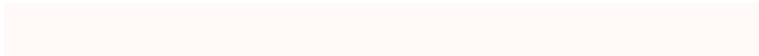
20.3446, 21.4041, 23.3091

Same Dimension

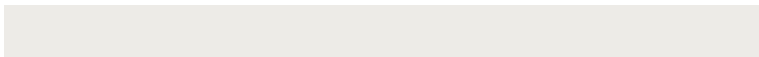
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2078, 81.4908, 87.2099



91.8440, 95.5200, 101.8756



79.0584, 83.1919, 87.4934



16.2842, 16.8843, 17.9081



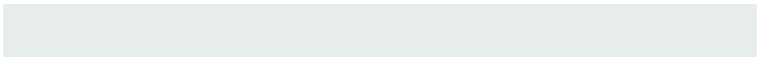
19.5396, 10.7734, 1.0496



1.5945, 0.9664, 0.1025

Inverse Universe

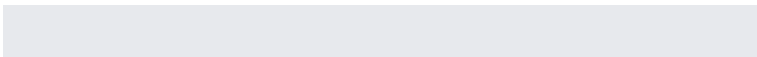
The Inverse Universe completely reimagines the original color for something new.



78.2365, 83.0932, 92.0370



91.8843, 97.7638, 108.6352



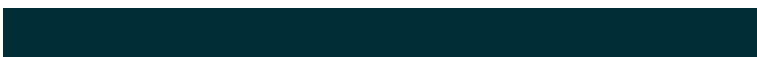
77.3812, 81.3825, 91.7518



16.2932, 17.3860, 19.4193



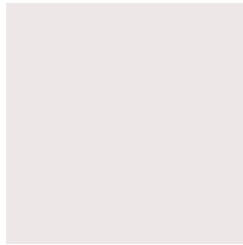
19.3726, 25.3921, 47.6231



1.5781, 2.1077, 3.7585

Previews

White Background



This preview shows how the XYZ color 78.2055, 81.4873, 87.2081 looks on a white background.

Color Contrast Check

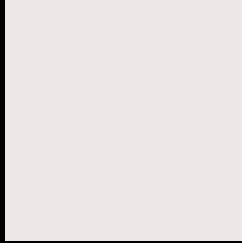
Large Text (above 18pt) WCAG AA × Fail

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 78.2055, 81.4873, 87.2081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

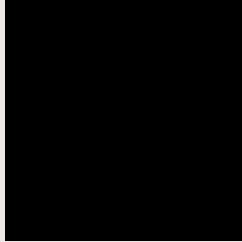
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

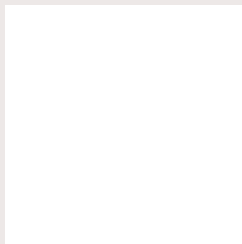
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2055, 81.4873, 87.2081

Background



This preview shows how black text looks on a background with the XYZ color 78.2055, 81.4873, 87.2081.



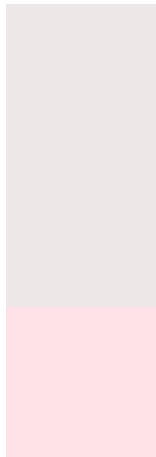
This preview shows how white text looks on a background with the XYZ color 78.2055, 81.4873,

87.2081.

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

78.2055, 81.4873, 87.2081

Protanopia

78.2055, 81.4873, 87.2081

Deuteranopia

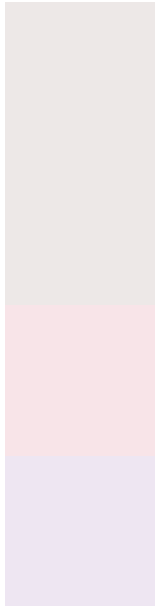
83.0018, 81.4789, 87.6963



Tritanopia

80.5592, 81.1667, 100.2277

Trichromacy



Original Color

78.2055, 81.4873, 87.2081

Protanomaly

78.2055, 81.4873, 87.2081

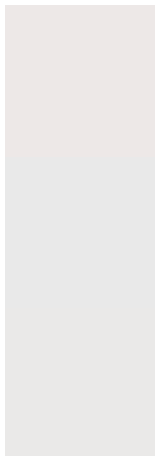
Deuteranomaly

81.0203, 81.2695, 87.7603

Tritanomaly

79.5837, 81.1816, 95.4795

Monochromacy



Original Color

78.2055, 81.4873, 87.2081

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.6361, 81.5964, 88.0018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2055, 81.4873, 87.2081 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(237, 232, 231) looks like.

```
.text, #text, p{  
    color:rgb(237, 232, 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(237, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 232, 231) }
```

Border

The CSS property to change the border of an element to XYZ 78.2055, 81.4873, 87.2081 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(237, 232, 231) }
```


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

```
.border{ border-color:rgb(237, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 232,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2055, 81.4873, 87.2081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 232, 231) }
```

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

```
.background{ background-color: rgb(237,  
232, 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](#).

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