

Converting Colors

XYZ(78.4659, 80.8260, 87.1547)

Have a look what the booklet for
XYZ(78.4659, 80.8260, 87.1547)
contains.

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Color

**XYZ(78.3172, 80.7139,
87.0529)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE6E7
RGB	239, 230, 231
RGB Percent	94%, 90%, 91%
CMY	0.0627, 0.0980, 0.0941
CMYK	0.00, 0.04, 0.03, 0.06
HSL	353°, 22%, 92%
HSV	353°, 4%, 94%
XYZ	78.3172, 80.7139, 87.0529
YIQ	232.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

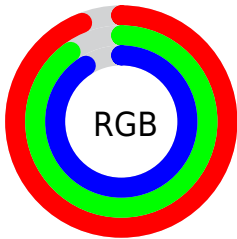
Format	Color
R _Y B	239, 230, 231
Decimal	15722215
CIE Lab	92.00, 3.22, 0.59
CIE LCh	92, 3.270, 10.372
Yxy	80.7139, 0.3183, 0.3280
Android (android.graphics.Color)	4293912295 (0xFFEFE6E7)
YUV	232.8050, -0.8899, 5.4330
Hunter-Lab	89.8409, -1.6174, 5.4386

Details

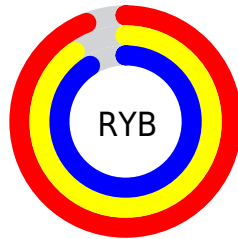
The XYZ color **78.3172, 80.7139, 87.0529** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9353, 84.7310, 93.0875**, and the grayscale version is **77.3112, 81.3375, 88.5765**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5963, 43.8224, 46.7709** is the 20% darker color. If you saturate the color by 10%, you get **69.2952, 67.1850, 70.1236**, and if you desaturate by 10%, it is **88.6203, 96.2194, 106.2096**.

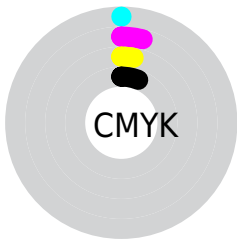
Distribution



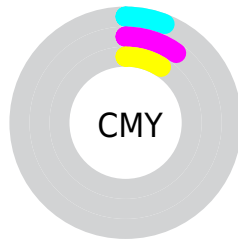
- Red (94%)
- Green (90%)
- Blue (91%)



- Red (94%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3172, 80.7139, 87.0529 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 78.3172, 80.7139, 87.0529 by changing the saturation by 10% instead.

 78.3172, 80.7139,
87.0529

 78.3172, 80.7139,
87.0529


478.0668,
497.3355, 538.7174

 58.6383, 60.3060,
64.9791


129.9602,
134.3690, 145.1374

 42.5672, 43.6653,
46.9929


162.6549,
168.3849, 181.9852

 29.7388, 30.4075,
32.6757


200.4190,
207.7057, 224.5947

 19.7875, 20.1481,
21.6091

243.6178,
252.7157, 273.3845

 12.3480, 12.5027,
13.3744

292.6166,
303.7992, 328.7731

 7.0550, 7.0870,
7.5531

347.7808,

 3.5432, 3.5166,

361.3408, 391.1791

3.7267

409.4757,
425.7247, 461.0211

■ 1.4471, 1.4070,
1.4766

■ 0.2894, 0.2219,
0.2004

■ 78.3172, 80.7139,
87.0529

■ 78.3172, 80.7139,
87.0529

■ 69.2952, 67.1850,
70.1236

■ 88.6203, 96.2194,
106.2096

■ 61.4975, 55.5432,
55.3358

■ 89.4070, 97.0909,
108.6359

■ 54.8732, 45.7078,
42.6055

■ 49.3654, 37.5882,
31.8413

■ 44.9121, 31.0859,
22.9449

■ 41.4455, 26.0924,
15.8095

■ 38.8897, 22.4859,
10.3175

■ 37.1576, 20.1258,
6.3365

■ 36.1446, 18.8412,
3.7137

Harmonies

Analogous

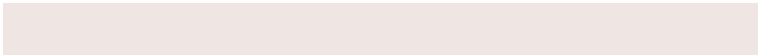
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2488, 80.7139, 89.4480



78.3172, 80.7139, 87.0529



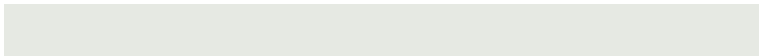
77.9543, 80.7139, 84.9190

Triad

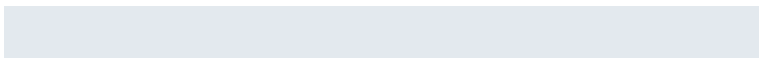
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3172, 80.7139, 87.0529



75.6738, 80.7139, 84.4037



76.1744, 80.7139, 92.3166

Complementary

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



78.3172, 80.7139, 87.0529



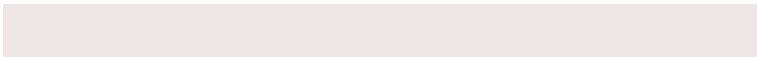
78.9353, 84.7310, 93.0875

Split Complementary

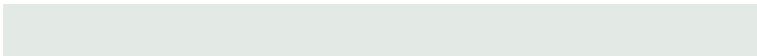
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4912, 80.7139, 90.9166



78.3172, 80.7139, 87.0529



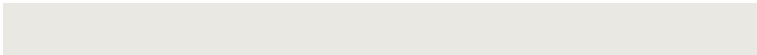
75.2037, 80.7139, 86.3378

Square

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



78.3172, 80.7139, 87.0529



76.4255, 80.7139, 83.4081



75.1371, 80.7139, 88.7198



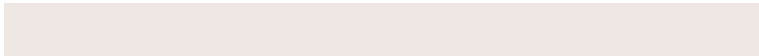
77.0075, 80.7139, 92.5166

Rectangle

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



78.3172, 80.7139, 87.0529



77.5181, 80.7139, 83.9207



75.1371, 80.7139, 88.7198



75.9198, 80.7139, 91.9696

Sweetspot

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



78.3195, 80.7174, 87.0546



93.8789, 98.2386, 106.7191



79.1223, 80.9977, 93.1262



20.1063, 21.0457, 22.8653



0.0000, 0.0000, 0.0000



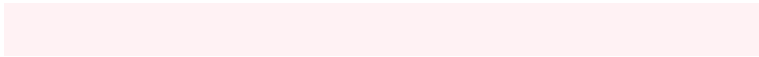
20.3446, 21.4041, 23.3091

Same Dimension

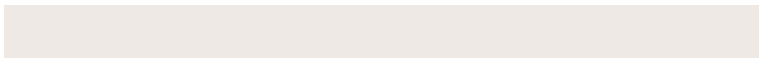
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3195, 80.7174, 87.0546



89.3444, 91.4243, 98.2564



79.1484, 82.5997, 86.6389



16.5984, 16.9192, 18.1483



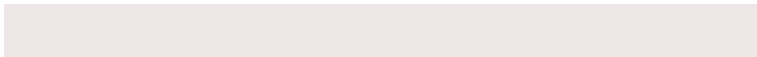
19.8007, 10.1927, 1.6009



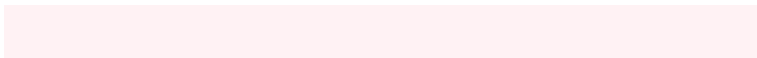
1.6705, 0.8572, 0.2558

Inverse Universe

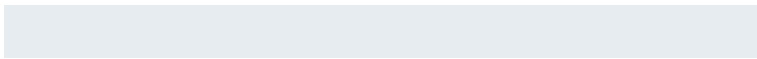
The Inverse Universe completely reimagines the original color for something new.



78.3195, 80.7174, 87.0546



89.3444, 91.4243, 98.2564



78.0821, 82.7898, 93.5270



16.5984, 16.9192, 18.1483



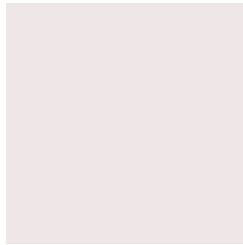
19.8007, 10.1927, 1.6009



1.6705, 0.8572, 0.2558

Previews

White Background



This preview shows how the XYZ color 78.3172, 80.7139, 87.0529 looks on a white background.

Color Contrast Check

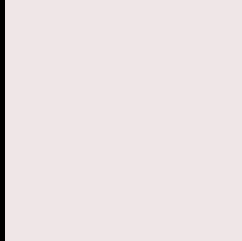
Large Text (above 18pt) WCAG AA × Fail

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 78.3172, 80.7139, 87.0529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

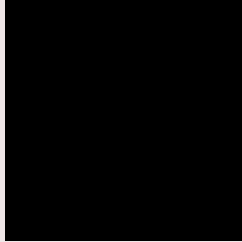
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

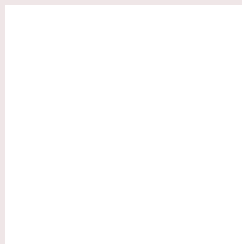
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3172, 80.7139, 87.0529

Background



This preview shows how black text looks on a background with the XYZ color 78.3172, 80.7139, 87.0529.

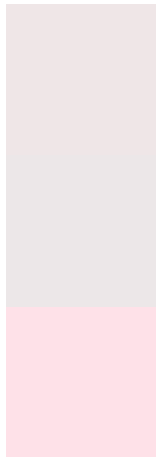


This preview shows how white text looks on a background with the XYZ color 78.3172, 80.7139,

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

78.3172, 80.7139, 87.0529

Protanopia

77.7335, 80.8109, 87.8450

Deuteranopia

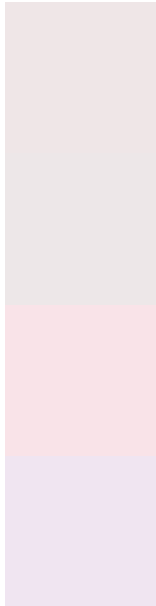
82.3638, 80.7475, 87.5887



Tritanopia

80.6536, 80.8414, 98.5418

Trichromacy



Original Color

78.3172, 80.7139, 87.0529

Protanomaly

78.0665, 80.9825, 87.8606

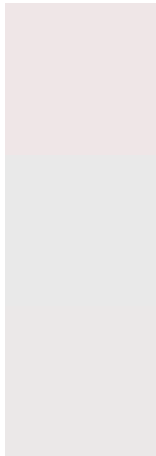
Deuteranomaly

81.1015, 80.9041, 87.6855

Tritanomaly

79.8317, 80.9148, 94.6296

Monochromacy



Original Color

78.3172, 80.7139, 87.0529

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.6831, 81.2016, 87.9231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3172, 80.7139, 87.0529 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(239, 230, 231) looks like.

```
.text, #text, p{  
    color:rgb(239, 230, 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(239, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 230, 231) }
```

Border

The CSS property to change the border of an element to XYZ 78.3172, 80.7139, 87.0529 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(239, 230, 231) }
```


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

```
.border{ border-color:rgb(239, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 230,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3172, 80.7139, 87.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 230, 231) }
```

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

```
.background{ background-color: rgb(239,  
230, 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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