

Converting Colors

XYZ(78.1714, 83.6052, 86.8803)

Have a look what the booklet for
XYZ(78.1714, 83.6052, 86.8803)
contains.

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Color

**XYZ(78.1714, 83.6052,
86.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EDE6
RGB	233, 237, 230
RGB Percent	91%, 93%, 90%
CMY	0.0863, 0.0706, 0.0980
CMYK	0.02, 0.00, 0.03, 0.07
HSL	94°, 16%, 92%
HSV	94°, 3%, 93%
XYZ	78.1714, 83.6052, 86.8803
YIQ	235.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

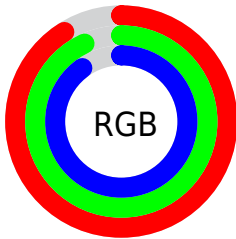
Format	Color
R _Y B	230, 237, 234
Decimal	15330790
CIE Lab	93.28, -2.57, 2.91
CIE LCh	93, 3.881, 131.443
Yxy	83.6052, 0.3144, 0.3362
Android (android.graphics.Color)	4293520870 (0xFFE9EDE6)
YUV	235.0060, -2.4680, -1.7593
Hunter-Lab	91.4359, -7.4075, 7.6691

Details

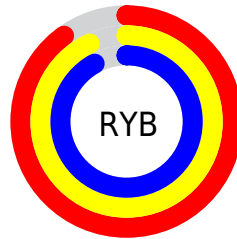
The XYZ color **78.1714, 83.6052, 86.8803** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5178, 80.2028, 91.5202**, and the grayscale version is **78.9905, 83.1042, 90.5005**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3932, 45.4900, 47.1035** is the 20% darker color. If you saturate the color by 10%, you get **70.8125, 80.1727, 70.3272**, and if you desaturate by 10%, it is **86.3273, 87.4010, 105.8363**.

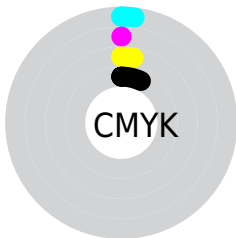
Distribution



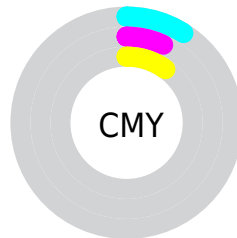
- Red (91%)
- Green (93%)
- Blue (90%)



- Red (90%)
- Yellow (93%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1714, 83.6052, 86.8803 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 78.1714, 83.6052, 86.8803 by changing the saturation by 10% instead.

■ 78.1714, 83.6052,
86.8803

■ 78.1714, 83.6052,
86.8803

477.5796,
507.0013, 538.1354

■ 58.5181, 62.6895,
64.8371

129.7558,
138.4228, 144.8947

■ 42.4702, 45.5901,
46.8785

162.4176,
173.0935, 181.7029

■ 29.6623, 31.9225,
32.5859

200.1462,
213.1180, 224.2700

■ 19.7292, 21.3023,
21.5409

243.3070,
258.8807, 273.0143

■ 12.3055, 13.3451,
13.3249

292.2655,
310.7660, 328.3545

■ 7.0258, 7.6666,
7.5193

347.3868,

■ 3.5247, 3.8824,

369.1582, 390.7090

3.7056

409.0364,
434.4419, 460.4965

■ 1.4369, 1.6080,
1.4653

■ 0.2823, 0.3630,
0.1919

■ 78.1714, 83.6052,
86.8803

■ 78.1714, 83.6052,
86.8803

■ 70.8125, 80.1727,
70.3272

■ 86.3273, 87.4010,
105.8363

■ 64.2179, 77.0817,
56.0757

■ 89.5758, 89.0516,
107.0753

■ 58.3626, 74.3238,
44.0253

■ 53.2177, 71.8867,
34.0660

■ 48.7522, 69.7568,
26.0783

■ 44.9322, 67.9196,
19.9304

■ 41.7205, 66.3592,
15.4748

■ 39.0752, 65.0577,
12.5410

■ 36.9468, 63.9941,
10.9228

Harmonies

Analogous

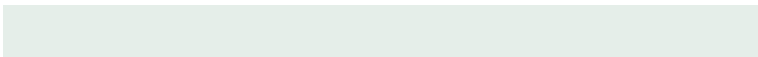
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0752, 83.6052, 85.6295



78.1714, 83.6052, 86.8803



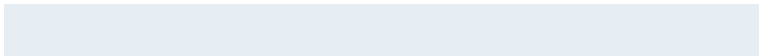
77.6169, 83.6052, 89.2535

Triad

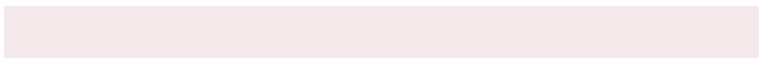
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1714, 83.6052, 86.8803



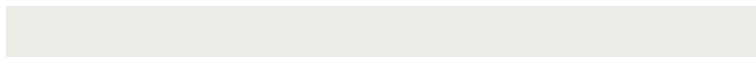
78.8409, 83.6052, 96.4689



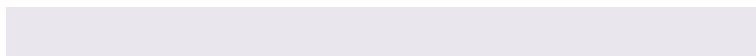
81.4047, 83.6052, 89.9205

Complementary

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



78.1714, 83.6052, 86.8803



77.5178, 80.2028, 91.5202

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.



81.3407, 83.6052, 92.8336



78.1714, 83.6052, 86.8803



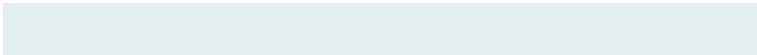
79.8545, 83.6052, 96.6567

Square

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



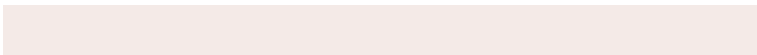
78.1714, 83.6052, 86.8803



78.0011, 83.6052, 94.8057



80.7712, 83.6052, 95.3136



80.9456, 83.6052, 87.3595

Rectangle

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



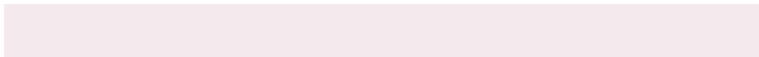
78.1714, 83.6052, 86.8803



77.5170, 83.6052, 91.1736



80.7712, 83.6052, 95.3136



81.4438, 83.6052, 90.8903

Sweetspot

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



78.1737, 83.6088, 86.8821



94.1078, 99.5614, 106.7270



78.6246, 82.5477, 86.6535



20.1529, 21.3149, 22.8669



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

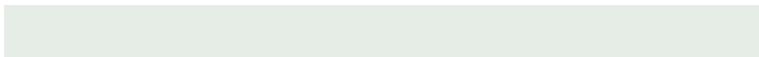
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1737, 83.6088, 86.8821



91.3379, 98.2711, 100.3804



77.2684, 83.1345, 87.1825



16.2221, 17.5238, 17.6922



19.6385, 34.6685, 5.6566



1.6502, 2.7780, 0.4492

Inverse Universe

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



77.5178, 80.2028, 91.5202



90.2929, 92.8447, 107.7696



78.4430, 80.6876, 91.2077



16.0030, 16.3860, 19.2416



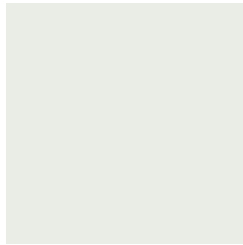
13.9976, 6.2520, 44.2120



1.2089, 0.5475, 3.4768

Previews

White Background



This preview shows how the XYZ color 78.1714, 83.6052, 86.8803 looks on a white background.

Color Contrast Check

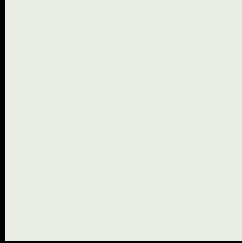
Large Text (above 18pt) WCAG AA × Fail

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 78.1714, 83.6052, 86.8803 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

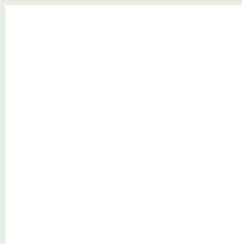
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1714, 83.6052, 86.8803

Background



This preview shows how black text looks on a background with the XYZ color 78.1714, 83.6052, 86.8803.



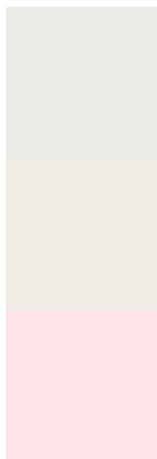
This preview shows how white text looks on a background with the XYZ color 78.1714, 83.6052,

86.8803.

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

78.1714, 83.6052, 86.8803

Protanopia

80.1268, 83.7746, 86.0757

Deuteranopia

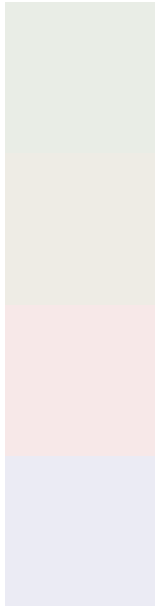
83.9673, 83.1818, 88.7209



Tritanopia

81.5856, 83.7068, 103.9525

Trichromacy



Original Color

78.1714, 83.6052, 86.8803

Protanomaly

79.3982, 83.8252, 86.1239

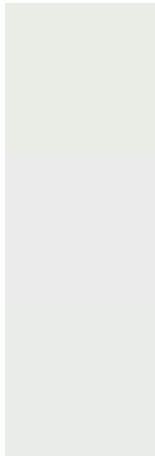
Deuteranomaly

81.7799, 83.3136, 88.1148

Tritanomaly

80.2984, 83.6105, 97.4942

Monochromacy



Original Color

78.1714, 83.6052, 86.8803

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.6351, 83.3665, 89.0376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1714, 83.6052, 86.8803 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(233, 237, 230) looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 237, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.1714, 83.6052, 86.8803 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(233, 237, 230) }
```


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

```
.border{ border-color:rgb(233, 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(233, 237, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 237, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 237, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 237,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1714, 83.6052, 86.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 237, 230) }
```

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

```
.background{ background-color: rgb(233,  
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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