

Converting Colors

XYZ(78.7302, 86.1089, 87.5315)

Have a look what the booklet for
XYZ(78.7302, 86.1089, 87.5315)
contains.

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Color

**XYZ(78.6682, 86.0404,
87.3241)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F2E6
RGB	230, 242, 230
RGB Percent	90%, 95%, 90%
CMY	0.0980, 0.0510, 0.0980
CMYK	0.05, 0.00, 0.05, 0.05
HSL	120°, 32%, 93%
HSV	120°, 5%, 95%
XYZ	78.6682, 86.0404, 87.3241
YIQ	237.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

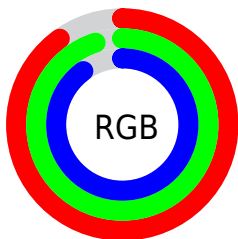
Format	Color
R _{YB}	230, 242, 242
Decimal	15135462
CIE _{Lab}	94.33, -6.11, 4.41
CIE _{LCh}	94, 7.531, 144.198
Y _{xy}	86.0404, 0.3121, 0.3414
Android (android.graphics.Color)	4293325542 (0xFFE6F2E6)
Y _{UV}	237.0440, -3.4727, -6.1776
Hunter-Lab	92.7580, -10.9403, 9.1138

Details

The XYZ color **78.6682, 86.0404, 87.3241** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.9449, 81.8839, 95.5476**, and the grayscale version is **80.5599, 84.7553, 92.2985**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7523, 47.2116, 47.4169** is the 20% darker color. If you saturate the color by 10%, you get **68.2686, 81.0475, 70.3117**, and if you desaturate by 10%, it is **90.6226, 91.7853, 106.8757**.

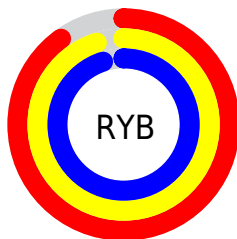
Distribution



Red (90%)

Green (95%)

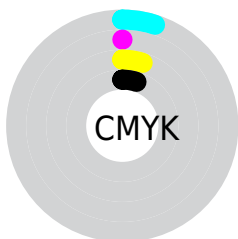
Blue (90%)



Red (90%)

Yellow (95%)

Blue (95%)

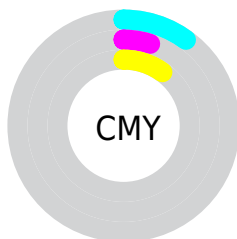


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6682, 86.0404, 87.3241 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 78.6682, 86.0404, 87.3241 by changing the saturation by 10% instead.

78.6682, 86.0404,
87.3241

78.6682, 86.0404,
87.3241

479.2383,
515.0644, 539.6311

58.9277, 64.7014,
65.2023

130.4520,
141.8259, 145.5186

42.8011, 47.2190,
47.1727

163.2261,
177.0411, 182.4285

29.9229, 33.2088,
32.8169

201.0755,
217.6505, 225.1047

19.9279, 22.2864,
21.7163

244.3654,
264.0385, 273.9659

12.4506, 14.0675,
13.4522

293.4613,
316.5896, 329.4306

7.1257, 8.1676,
7.6063

348.7285,

3.5879, 4.2024,

375.6879, 391.9173

3.7600

410.5324,
441.7181, 461.8447

■ 1.4717, 1.7874,
1.4946

■ 0.3065, 0.4793,
0.2139

■ 78.6682, 86.0404,
87.3241

■ 78.6682, 86.0404,
87.3241

■ 68.2686, 81.0475,
70.3117

■ 90.6226, 91.7853,
106.8757

■ 59.3533, 76.7650,
55.7290

■ 91.0438, 91.9876,
107.5646

■ 51.8567, 73.1640,
43.4669

■ 45.7057, 70.2093,
33.4058

■ 40.8206, 67.8628,
25.4154

■ 37.1135, 66.0821,
19.3517

■ 34.4851, 64.8196,
15.0524

■ 32.8198, 64.0196,
12.3284

■ 31.9757, 63.6142,
10.9477

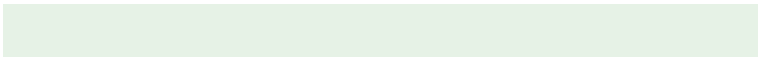
Harmonies

Analogous

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



80.1967, 86.0404, 83.8966



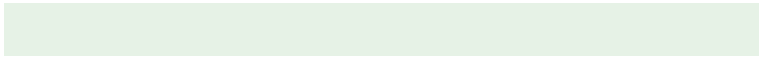
78.6682, 86.0404, 87.3241



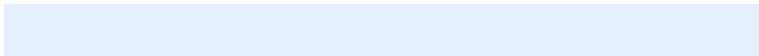
77.9743, 86.0404, 92.5630

Triad

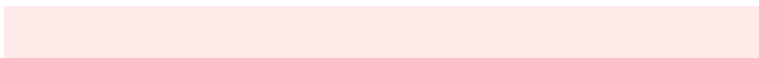
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6682, 86.0404, 87.3241



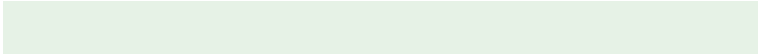
81.3867, 86.0404, 105.1945



85.3739, 86.0404, 89.1964

Complementary

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



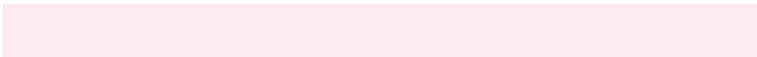
78.6682, 86.0404, 87.3241



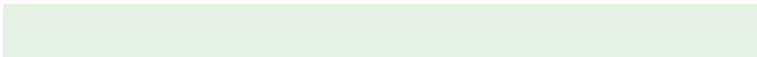
80.9449, 81.8839, 95.5476

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.



85.7052, 86.0404, 94.8127



78.6682, 86.0404, 87.3241



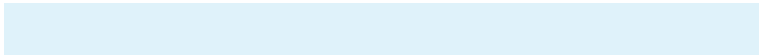
83.3816, 86.0404, 104.2031

Square

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



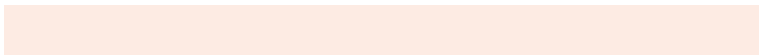
78.6682, 86.0404, 87.3241



79.5271, 86.0404, 103.0002



84.9704, 86.0404, 100.3441



84.0726, 86.0404, 84.9460

Rectangle

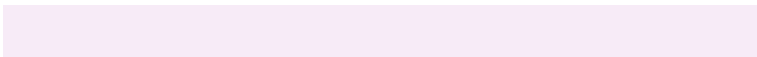
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



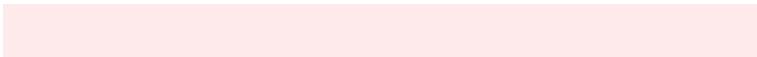
78.6682, 86.0404, 87.3241



78.0700, 86.0404, 96.4389



84.9704, 86.0404, 100.3441



85.6033, 86.0404, 90.9808

Sweetspot

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



78.6706, 86.0441, 87.3260



93.7102, 99.3564, 106.7085



82.6568, 88.0990, 87.5125



20.0720, 21.2731, 22.8631



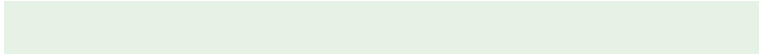
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

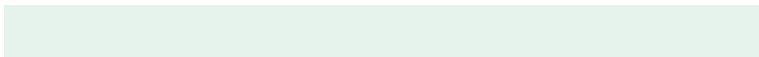
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6706, 86.0441, 87.3260



87.2771, 96.2663, 96.1860



79.5283, 86.3872, 91.8424



16.2068, 17.9642, 17.7855



17.0575, 34.1150, 5.6859



1.4190, 2.8381, 0.4730

Inverse Universe

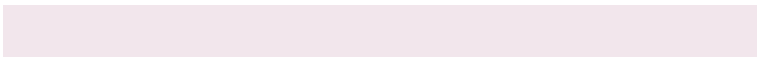
The Inverse Universe completely reimagines the original color for something new.



80.9449, 81.8839, 95.5476



90.3618, 90.6237, 107.3372



80.0580, 81.5291, 90.8768



16.8408, 16.8044, 20.0776



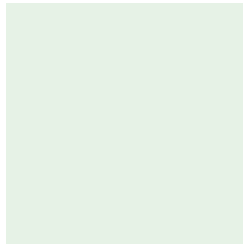
28.2812, 13.5849, 46.2586



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 78.6682, 86.0404, 87.3241 looks on a white background.

Color Contrast Check

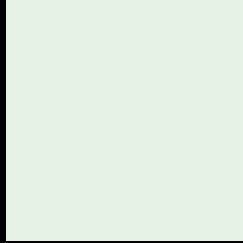
Large Text (above 18pt) WCAG AA × Fail

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 78.6682, 86.0404, 87.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

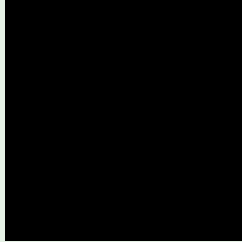
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

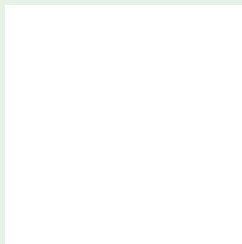
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.6682, 86.0404, 87.3241

Background



This preview shows how black text looks on a background with the XYZ color 78.6682, 86.0404, 87.3241.



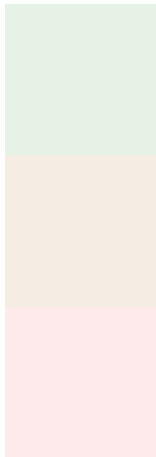
This preview shows how white text looks on a background with the XYZ color 78.6682, 86.0404,

87.3241.

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

78.6682, 86.0404, 87.3241

Protanopia

81.9440, 85.5823, 85.5989

Deuteranopia

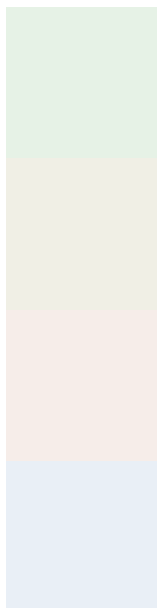
85.6582, 86.1038, 90.7023



Tritanopia

82.8855, 86.0312, 106.8449

Trichromacy



Original Color

78.6682, 86.0404, 87.3241

Protanomaly

80.9445, 85.9154, 86.4458

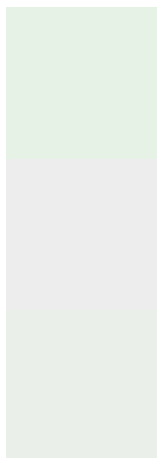
Deuteranomaly

82.9982, 86.0444, 89.3245

Tritanomaly

81.1053, 85.7105, 99.4578

Monochromacy



Original Color

78.6682, 86.0404, 87.3241

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.6495, 85.1659, 90.0826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6682, 86.0404, 87.3241 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(230, 242, 230) looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 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(230, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.6682, 86.0404, 87.3241 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(230, 242, 230) }
```


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

```
.border{ border-color:rgb(230, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6682, 86.0404, 87.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 242, 230) }
```

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

```
.background{ background-color: rgb(230,  
242, 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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