

Converting Colors

XYZ(79.9759, 86.9445, 91.3303)

Have a look what the booklet for
XYZ(79.9759, 86.9445, 91.3303)
contains.

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Color

**XYZ(80.0010, 87.0883,
91.1905)**

Conversions

Conversions Part 1	
Format	Color
Hex	E7F3EB
RGB	231, 243, 235
RGB Percent	91%, 95%, 92%
CMY	0.0941, 0.0470, 0.0784
CMYK	0.05, 0.00, 0.03, 0.05
HSL	140°, 33%, 93%
HSV	140°, 5%, 95%
XYZ	80.0010, 87.0883, 91.1905
YIQ	238.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

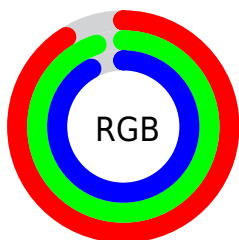
Format	Color
RYB	231, 240, 243
Decimal	15201259
CIELab	94.78, -5.39, 2.47
CIELCh	95, 5.934, 155.383
Yxy	87.0883, 0.3097, 0.3372
Android (android.graphics.Color)	4293391339 (0xFFE7F3EB)
YUV	238.5000, -1.7255, -6.5775
Hunter-Lab	93.3211, -10.2900, 7.3884

Details

The XYZ color 80.0010, 87.0883, 91.1905 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.1213, 82.4407, 93.3027, and the grayscale version is 81.6732, 85.9265, 93.5740.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 43.5862, 47.9093, 49.5980 is the 20% darker color. If you saturate the color by 10%, you get 70.4607, 82.4308, 79.0762, and if you desaturate by 10%, it is 90.7371, 92.3425, 104.4775.

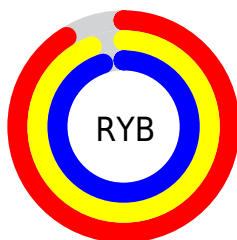
Distribution



Red (91%)

Green (95%)

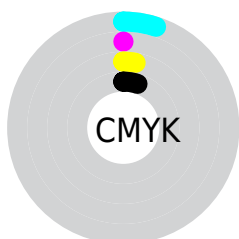
Blue (92%)



Red (91%)

Yellow (94%)

Blue (95%)

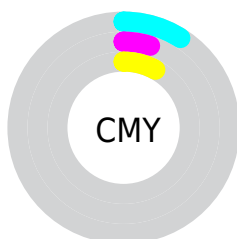


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (9%)


Magenta (5%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0010, 87.0883, 91.1905 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 80.0010, 87.0883, 91.1905 by changing the saturation by 10% instead.


 80.0010, 87.0883,
91.1905

 80.0010, 87.0883,
91.1905


483.6727,
518.5130, 552.5657

 60.0276, 65.5683,
68.3892


132.3177,
143.2872, 150.9409

 43.6905, 47.9220,
49.7458


165.3917,
178.7349, 188.7270

 30.6241, 33.7651,
34.8417


203.5633,
219.5939, 232.3452

 20.4632, 22.7132,
23.2584

247.1978,
266.2487, 282.2140

 12.8424, 14.3819,
14.5773

296.6607,
319.0836, 338.7519

 7.3964, 8.3868,
8.3800


352.3172,


 3.7597, 4.3434,


378.4830, 402.3774


4.2478

414.5328,
444.8313, 473.5092


 1.5671, 1.8675,
1.7622


 0.3708, 0.5287,
0.4029


 80.0010, 87.0883,
91.1905


 80.0010, 87.0883,
91.1905


 70.4607, 82.4308,
79.0762

 90.7371, 92.3425,
104.4775

 62.1698, 78.3911,
68.1022

 91.3423, 92.5846,
107.6641

 55.0773, 74.9457,
58.2371

 49.1256, 72.0659,
49.4458

■ 44.2522, 69.7202,
41.6916

■ 40.3885, 67.8739,
34.9356

■ 37.4575, 66.4882,
29.1363

■ 35.3702, 65.5182,
24.2492

■ 34.0187, 64.9091,
20.2259

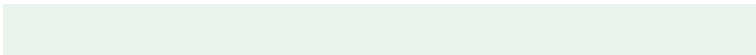
Harmonies

Analogous

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



81.0008, 87.0883, 87.8000



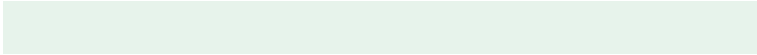
80.0010, 87.0883, 91.1905



79.7404, 87.0883, 95.6559

Triad

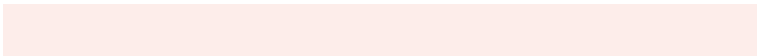
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0010, 87.0883, 91.1905



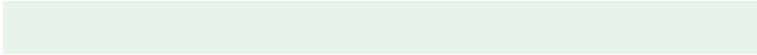
83.0647, 87.0883, 103.8980



85.3163, 87.0883, 89.7985

Complementary

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



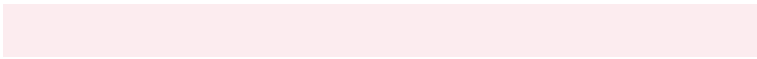
80.0010, 87.0883, 91.1905



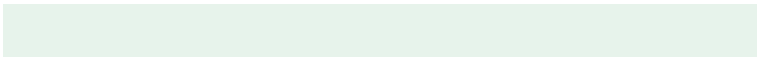
81.1213, 82.4407, 93.3027

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.



85.8852, 87.0883, 93.9976



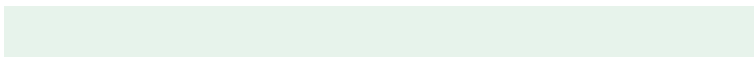
80.0010, 87.0883, 91.1905



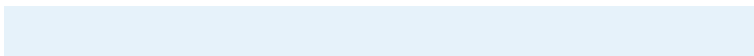
84.5745, 87.0883, 102.2137

Square

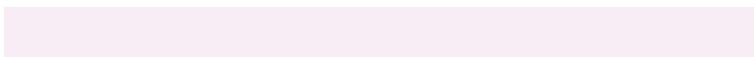
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



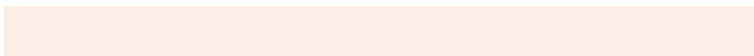
80.0010, 87.0883, 91.1905



81.4961, 87.0883, 103.0878



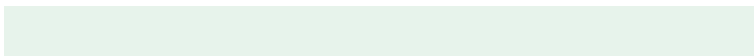
85.6120, 87.0883, 98.5535



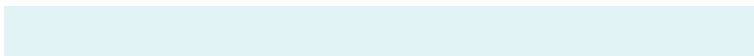
84.0669, 87.0883, 87.0147

Rectangle

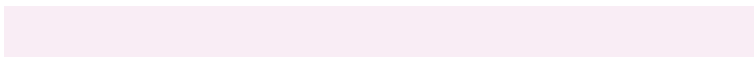
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



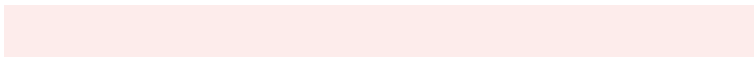
80.0010, 87.0883, 91.1905



80.0181, 87.0883, 98.6635



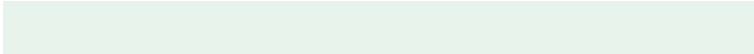
85.6120, 87.0883, 98.5535



85.5942, 87.0883, 91.0861

Sweetspot

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



80.0034, 87.0920, 91.1924



93.8455, 99.4105, 107.4210



82.1420, 88.2605, 88.3091



20.0995, 21.2842, 23.0081



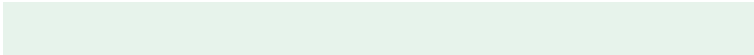
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

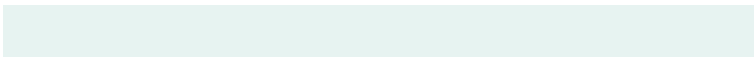
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0034, 87.0920, 91.1924



88.0441, 96.5731, 100.2250



80.8558, 87.4330, 95.6811



17.1189, 18.8607, 19.4716



18.4609, 35.5292, 10.4468



1.6683, 3.1410, 1.1591

Inverse Universe

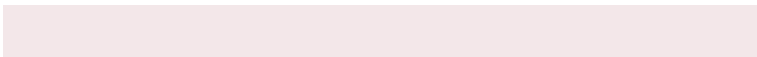
The Inverse Universe completely reimagines the original color for something new.



81.1213, 82.4407, 93.3027



89.5517, 90.2996, 103.0712



80.2774, 82.1032, 88.8589



17.4438, 17.5086, 20.0849



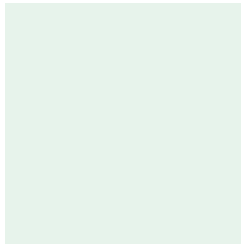
23.9317, 11.9161, 20.1468



2.1509, 1.0663, 2.0211

Previews

White Background



This preview shows how the XYZ color 80.0010, 87.0883, 91.1905 looks on a white background.

Color Contrast Check

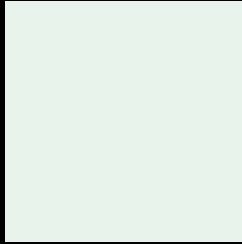
Large Text (above 18pt) WCAG AA × Fail

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 80.0010, 87.0883, 91.1905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

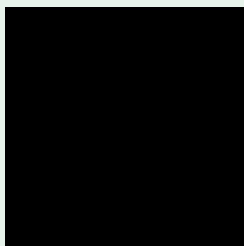
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

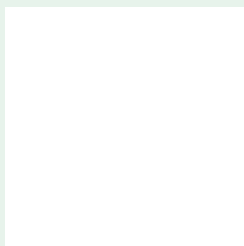
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0010, 87.0883, 91.1905

Background



This preview shows how black text looks on a background with the XYZ color 80.0010, 87.0883, 91.1905.

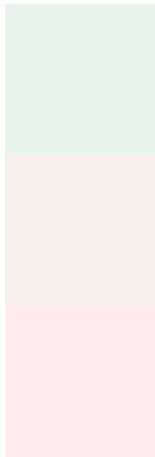


This preview shows how white text looks on a background with the XYZ color 80.0010, 87.0883,

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

80.0010, 87.0883, 91.1905

Protanopia

83.5805, 87.2090, 89.5187

Deuteranopia

86.3809, 86.8497, 93.0998



Tritanopia

83.8022, 87.3730, 107.0556

Trichromacy

	Original Color 80.0010, 87.0883, 91.1905
	Protanomaly 82.2870, 86.9615, 90.2902
	Deuteranomaly 83.8666, 86.8563, 92.4655
	Tritanomaly 82.3303, 87.1803, 101.2952

Monochromacy

	Original Color 80.0010, 87.0883, 91.1905
	Achromatopsia 82.0431, 86.3157, 93.9978
	Achromatomaly 81.1848, 86.3261, 93.2726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0010, 87.0883, 91.1905 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(231, 243, 235) looks like.

```
.text, #text, p{  
    color:rgb(231, 243, 235)  
}
```

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(231, 243, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 243, 235) }
```

Border

The CSS property to change the border of an element to XYZ 80.0010, 87.0883, 91.1905 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(231, 243, 235) }
```


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

```
.border{ border-color:rgb(231, 243, 235) }
```

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

Here you see how a box with a 4 pixel rgb(231, 243, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 243, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 243, 235);  
box-shadow:4px 4px 4px 4px rgb(231, 243,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0010, 87.0883, 91.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 243, 235) }
```

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

```
.background{ background-color: rgb(231,  
243, 235) }
```

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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