

Converting Colors

XYZ(81.0109, 87.1683, 91.1540)

Have a look what the booklet for XYZ(81.0109, 87.1683, 91.1540) contains.

XYZ(81.0085, 87.1646, 91.1521) 3

- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(81.0085, 87.1646,
91.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF2EB
RGB	235, 242, 235
RGB Percent	92%, 95%, 92%
CMY	0.0784, 0.0510, 0.0784
CMYK	0.03, 0.00, 0.03, 0.05
HSL	120°, 21%, 94%
HSV	120°, 3%, 95%
XYZ	81.0085, 87.1646, 91.1521
YIQ	239.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

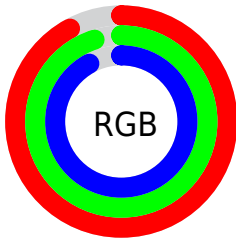
Format	Color
R _Y B	235, 242, 242
Decimal	15463147
CIE Lab	94.81, -3.56, 2.55
CIE LCh	95, 4.381, 144.347
Yxy	87.1646, 0.3124, 0.3361
Android (android.graphics.Color)	4293653227 (0xFFEBF2EB)
YUV	239.1090, -2.0257, -3.6036
Hunter-Lab	93.3620, -8.5023, 7.4668

Details

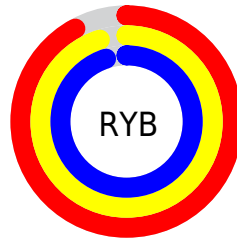
The XYZ color **81.0085, 87.1646, 91.1521** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.3565, 84.7070, 96.0182**, and the grayscale version is **82.1474, 86.4255, 94.1174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2860, 47.9562, 49.5702** is the 20% darker color. If you saturate the color by 10%, you get **70.2938, 82.0204, 73.6243**, and if you desaturate by 10%, it is **91.0438, 91.9876, 107.5646**.

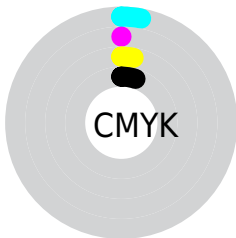
Distribution



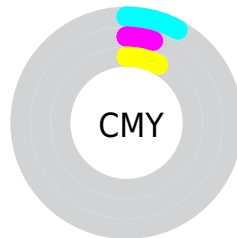
- Red (92%)
- Green (95%)
- Blue (92%)



- Red (92%)
- Yellow (95%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0085, 87.1646, 91.1521 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 81.0085, 87.1646, 91.1521 by changing the saturation by 10% instead.

81.0085, 87.1646,
91.1521

81.0085, 87.1646,
91.1521

487.0100,
518.7636, 552.4380

60.8599, 65.6314,
68.3575

133.7258,
143.3935, 150.8872

44.3642, 47.9733,
49.7201

167.0252,
178.8581, 188.6647

31.1561, 33.8057,
34.8214

205.4390,
219.7353, 232.2736

20.8701, 22.7444,
23.2429

249.3324,
266.4094, 282.1325

13.1410, 14.4049,
14.5660

299.0709,
319.2649, 338.6598

7.6034, 8.4028,
8.3721

355.0197,

3.8919, 4.3538,

378.6862, 402.2741

4.2428

417.5443,
445.0576, 473.3940

■ 1.6412, 1.8734,
1.7595

■ 0.4190, 0.5323,
0.4010

■ 81.0085, 87.1646,
91.1521

■ 81.0085, 87.1646,
91.1521

■ 70.2938, 82.0204,
73.6243

■ 91.0438, 91.9876,
107.5646

■ 61.0767, 77.5929,
58.5481

■ 53.2928, 73.8539,
45.8160

■ 46.8701, 70.7687,
35.3105

■ 41.7304, 68.2999,
26.9035

■ 37.7876, 66.4060,
20.4544

■ 34.9452, 65.0406,
15.8050

■ 33.0914, 64.1502,
12.7727

■ 32.0913, 63.6697,
11.1367

Harmonies

Analogous

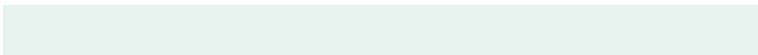
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9109, 87.1646, 89.0819



81.0085, 87.1646, 91.1521



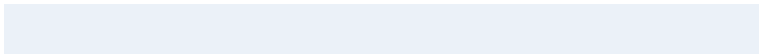
80.5991, 87.1646, 94.2657

Triad

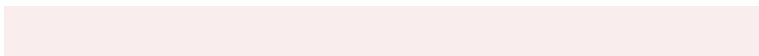
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0085, 87.1646, 91.1521



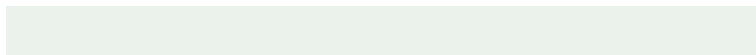
82.6230, 87.1646, 101.5548



84.9419, 87.1646, 92.2409

Complementary

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



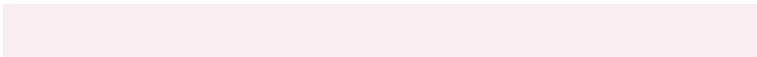
81.0085, 87.1646, 91.1521



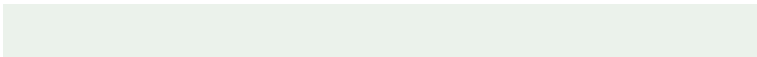
82.3565, 84.7070, 96.0182

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.



85.1370, 87.1646, 95.5521



81.0085, 87.1646, 91.1521



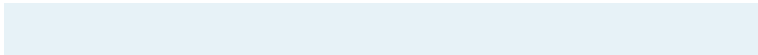
83.7908, 87.1646, 100.9815

Square

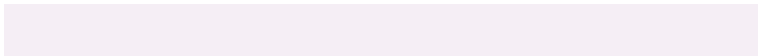
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



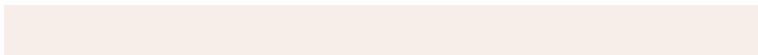
81.0085, 87.1646, 91.1521



81.5255, 87.1646, 100.3127



84.7138, 87.1646, 98.7645



84.1834, 87.1646, 89.6999

Rectangle

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



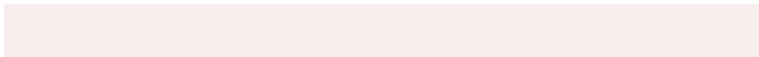
81.0085, 87.1646, 91.1521



80.6580, 87.1646, 96.5346



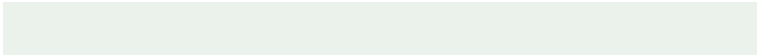
84.7138, 87.1646, 98.7645



85.0759, 87.1646, 93.2986

Sweetspot

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



81.0109, 87.1683, 91.1540



93.7102, 99.3564, 106.7085



83.3693, 88.3841, 91.2643



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

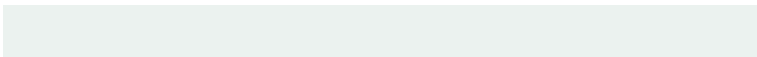
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0109, 87.1683, 91.1540



91.0839, 98.0949, 102.4128



81.5220, 87.3728, 93.8454



16.8738, 18.2846, 18.8765



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.



82.3565, 84.7070, 96.0182



92.6579, 95.2158, 108.1025



81.8354, 84.4985, 93.2741



17.2431, 17.6090, 20.2117



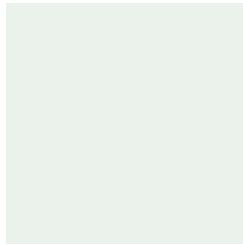
28.2810, 13.5848, 46.2580



2.3527, 1.1301, 3.8482

Previews

White Background



This preview shows how the XYZ color 81.0085, 87.1646, 91.1521 looks on a white background.

Color Contrast Check

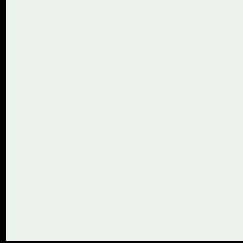
Large Text (above 18pt) WCAG AA × Fail

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 81.0085, 87.1646, 91.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

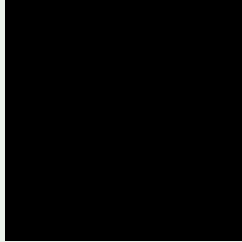
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

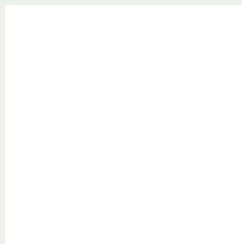
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0085, 87.1646, 91.1521

Background



This preview shows how black text looks on a background with the XYZ color 81.0085, 87.1646, 91.1521.



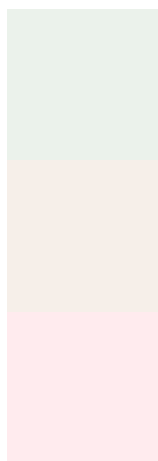
This preview shows how white text looks on a background with the XYZ color 81.0085, 87.1646,

91.1521.

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

81.0085, 87.1646, 91.1521

Protanopia

83.5805, 87.2090, 89.5187

Deuteranopia

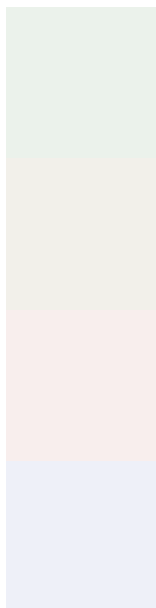
86.3809, 86.8497, 93.0998



Tritanopia

84.5131, 87.3037, 107.0047

Trichromacy



Original Color

81.0085, 87.1646, 91.1521

Protanomaly

82.6293, 87.1379, 90.3062

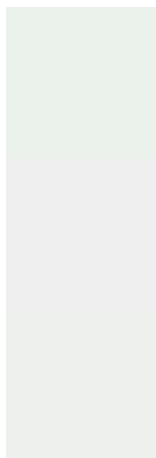
Deuteranomaly

84.5720, 87.2200, 92.4985

Tritanomaly

83.3633, 87.2746, 101.2589

Monochromacy



Original Color

81.0085, 87.1646, 91.1521

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.8526, 86.6704, 93.3039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0085, 87.1646, 91.1521 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(235, 242, 235) looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 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(235, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.0085, 87.1646, 91.1521 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(235, 242, 235) }
```


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

```
.border{ border-color:rgb(235, 242, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 242, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0085, 87.1646, 91.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 235) }
```

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

```
.background{ background-color: rgb(235,  
242, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor