

Converting Colors

XYZ(81.3096, 87.6183, 91.4535)

Have a look what the booklet for
XYZ(81.3096, 87.6183, 91.4535)
contains.

XYZ(81.3069, 87.7615, 91.2516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.3069, 87.7615,
91.2516)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF3EB
RGB	235, 243, 235
RGB Percent	92%, 95%, 92%
CMY	0.0784, 0.0470, 0.0784
CMYK	0.03, 0.00, 0.03, 0.05
HSL	120°, 25%, 94%
HSV	120°, 3%, 95%
XYZ	81.3069, 87.7615, 91.2516
YIQ	239.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

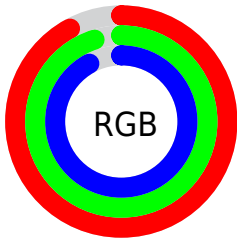
Format	Color
R _Y B	235, 243, 243
Decimal	15463403
CIE Lab	95.06, -4.07, 2.92
CIE LCh	95, 5.007, 144.316
Yxy	87.7615, 0.3123, 0.3371
Android (android.graphics.Color)	4293653483 (0xFFEBF3EB)
YUV	239.6960, -2.3151, -4.1184
Hunter-Lab	93.6811, -9.0198, 7.8244

Details

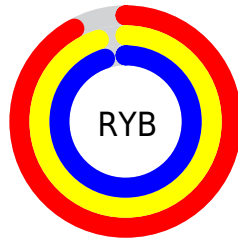
The XYZ color **81.3069, 87.7615, 91.2516** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8513, 84.9446, 96.8275**, and the grayscale version is **82.6076, 86.9096, 94.6446**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4974, 48.3790, 49.6406** is the 20% darker color. If you saturate the color by 10%, you get **70.5512, 82.5976, 73.6570**, and if you desaturate by 10%, it is **91.3423, 92.5846, 107.6641**.

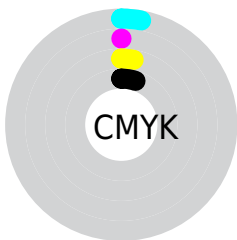
Distribution



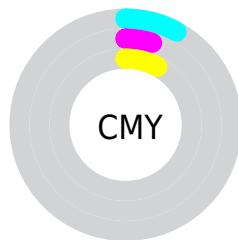
- Red (92%)
- Green (95%)
- Blue (92%)



- 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 81.3069, 87.7615, 91.2516 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 81.3069, 87.7615, 91.2516 by changing the saturation by 10% instead.

81.3069, 87.7615,
91.2516

81.3069, 87.7615,
91.2516

487.9961,
520.7219, 552.7687

61.1065, 66.1256,
68.4396

134.1425,
144.2251, 151.0264

44.5640, 48.3743,
49.7866

167.5085,
179.8215, 188.8263

31.3140, 34.1234,
34.8738

205.9937,
220.8402, 232.4592

20.9911, 22.9884,
23.2829

249.9635,
267.6656, 282.3438

13.2299, 14.5850,
14.5953

299.7833,
320.6821, 338.8984

7.6651, 8.5286,
8.3924

355.8185,

3.9314, 4.4350,

380.2740, 402.5418

4.2557

418.4342,
446.8258, 473.6924

■ 1.6634, 1.9198,
1.7666

■ 0.4332, 0.5602,
0.4058

■ 81.3069, 87.7615,
91.2516

■ 81.3069, 87.7615,
91.2516

■ 70.5512, 82.5976,
73.6570

■ 91.3423, 92.5846,
107.6641

■ 61.3052, 78.1562,
58.5337

■ 53.5036, 74.4087,
45.7729

■ 47.0736, 71.3200,
35.2554

■ 41.9358, 68.8521,
26.8515

■ 38.0029, 66.9630,
20.4185

■ 35.1769, 65.6055,
15.7957

■ 33.3441, 64.7251,
12.7977

■ 32.3669, 64.2557,
11.1990

Harmonies

Analogous

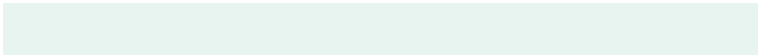
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3416, 87.7615, 88.8884



81.3069, 87.7615, 91.2516



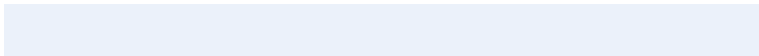
80.8374, 87.7615, 94.8170

Triad

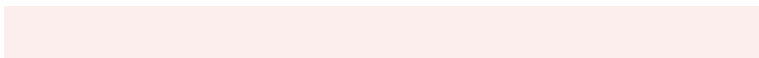
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3069, 87.7615, 91.2516



83.1557, 87.7615, 103.2116



85.8224, 87.7615, 92.5041

Complementary

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



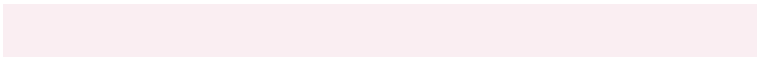
81.3069, 87.7615, 91.2516



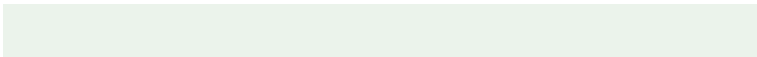
82.8513, 84.9446, 96.8275

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.



86.0462, 87.7615, 96.3016



81.3069, 87.7615, 91.2516



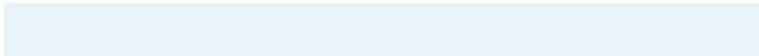
84.4970, 87.7615, 102.5518

Square

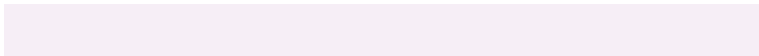
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



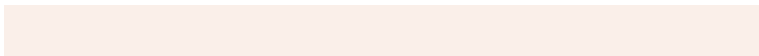
81.3069, 87.7615, 91.2516



81.8974, 87.7615, 101.7756



85.5586, 87.7615, 99.9965



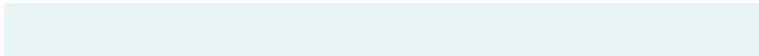
84.9506, 87.7615, 89.5977

Rectangle

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



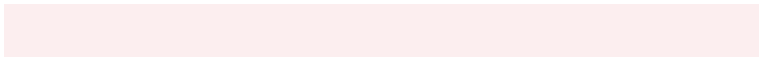
81.3069, 87.7615, 91.2516



80.9044, 87.7615, 97.4228



85.5586, 87.7615, 99.9965



85.9763, 87.7615, 93.7159

Sweetspot

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



81.3094, 87.7653, 91.2535



93.7102, 99.3564, 106.7085



84.0120, 89.1585, 91.3797



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

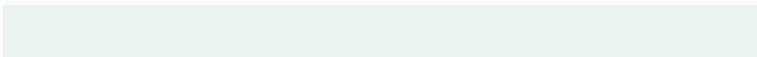
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3094, 87.7653, 91.2535



89.7974, 97.4769, 100.3087



81.8942, 87.9992, 94.3334



17.4172, 19.0172, 19.3613



17.5906, 35.1811, 5.8637



1.5460, 3.0921, 0.5154

Inverse Universe

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



82.8513, 84.9446, 96.8275



91.8819, 93.6638, 107.8436



82.2534, 84.7054, 93.6787



17.8982, 18.1373, 21.1000



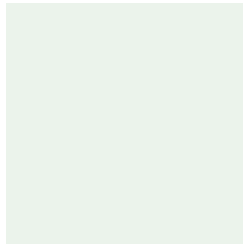
29.1642, 14.0091, 47.7005



2.5633, 1.2313, 4.1925

Previews

White Background



This preview shows how the XYZ color 81.3069, 87.7615, 91.2516 looks on a white background.

Color Contrast Check

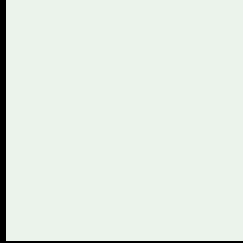
Large Text (above 18pt) WCAG AA × Fail

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 81.3069, 87.7615, 91.2516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

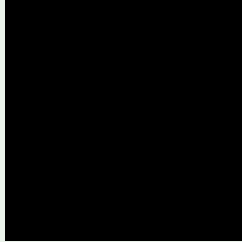
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

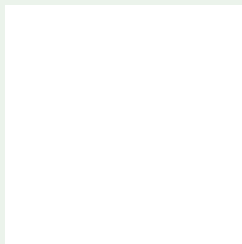
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3069, 87.7615, 91.2516

Background



This preview shows how black text looks on a background with the XYZ color 81.3069, 87.7615, 91.2516.



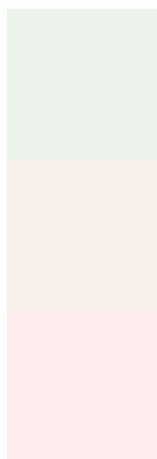
This preview shows how white text looks on a background with the XYZ color 81.3069, 87.7615,

91.2516.

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

81.3069, 87.7615, 91.2516

Protanopia

84.2258, 87.9775, 89.6330

Deuteranopia

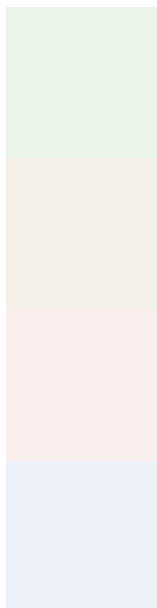
86.8154, 87.4829, 93.9716



Tritanopia

84.8067, 87.8909, 107.1026

Trichromacy



Original Color

81.3069, 87.7615, 91.2516

Protanomaly

83.2687, 87.9058, 90.4207

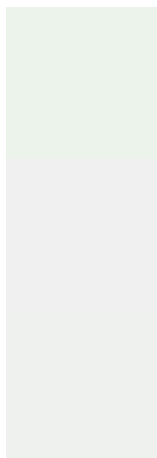
Deuteranomaly

85.0105, 87.8625, 93.3675

Tritanomaly

83.6585, 87.8650, 101.3573

Monochromacy



Original Color

81.3069, 87.7615, 91.2516

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.1478, 87.2608, 93.4023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3069, 87.7615, 91.2516 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, 243, 235) looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 243, 235) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 81.3069, 87.7615, 91.2516 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, 243, 235) }
```


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

```
.border{ border-color:rgb(235, 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(235, 243, 235)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 81.3069, 87.7615, 91.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(235,  
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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