

Converting Colors

XYZ(80.9896, 87.8013, 91.0425)

Have a look what the booklet for
XYZ(80.9896, 87.8013, 91.0425)
contains.

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Color

**XYZ(80.9777, 87.5918,
91.2362)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF3EB
RGB	234, 243, 235
RGB Percent	92%, 95%, 92%
CMY	0.0823, 0.0470, 0.0784
CMYK	0.04, 0.00, 0.03, 0.05
HSL	127°, 27%, 94%
HSV	127°, 4%, 95%
XYZ	80.9777, 87.5918, 91.2362
YIQ	239.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

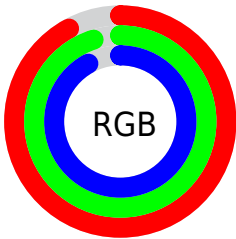
Format	Color
R_{YB}	234, 242, 243
Decimal	15397867
CIE Lab	94.99, -4.40, 2.81
CIE LCh	95, 5.219, 147.455
Yxy	87.5918, 0.3117, 0.3371
Android (android.graphics.Color)	4293587947 (0xFFEAF3EB)
YUV	239.3970, -2.1677, -4.7332
Hunter-Lab	93.5905, -9.3390, 7.7148

Details

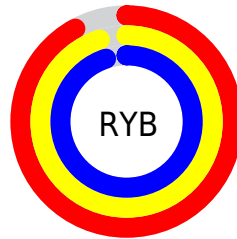
The XYZ color **80.9777, 87.5918, 91.2362** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4152, 84.3134, 95.9391**, and the grayscale version is **82.3735, 86.6633, 94.3763**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2671, 48.2603, 49.6299** is the 20% darker color. If you saturate the color by 10%, you get **70.6067, 82.5868, 75.4371**, and if you desaturate by 10%, it is **91.3423, 92.5846, 107.6641**.

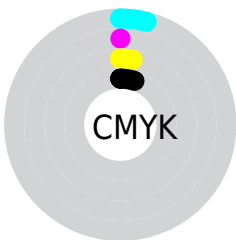
Distribution



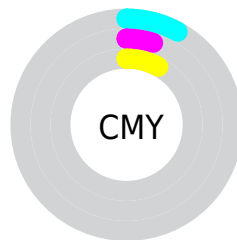
- Red (92%)
- Green (95%)
- Blue (92%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.9777, 87.5918, 91.2362 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 80.9777, 87.5918, 91.2362 by changing the saturation by 10% instead.

80.9777, 87.5918,
91.2362

80.9777, 87.5918,
91.2362

486.9082,
520.1655, 552.7175

60.8345, 65.9851,
68.4269

133.6828,
143.9887, 151.0048

44.3436, 48.2603,
49.7763

166.9753,
179.5477, 188.8013

31.1398, 34.0330,
34.8657

205.3817,
220.5262, 232.4305

20.8577, 22.9190,
23.2767

249.2672,
267.3086, 282.3111

13.1319, 14.5337,
14.5908

298.9973,
320.2794, 338.8615

7.5970, 8.4928,
8.3893

354.9372,

3.8878, 4.4119,

379.8229, 402.5004

4.2537

417.4524,
446.3234, 473.6462

■ 1.6389, 1.9065,
1.7655

■ 0.4175, 0.5523,
0.4051

■ 80.9777, 87.5918,
91.2362

■ 80.9777, 87.5918,
91.2362

■ 70.6067, 82.5868,
75.4371

■ 91.3423, 92.5846,
107.6641

■ 61.6488, 78.2656,
61.6101

■ 54.0448, 74.6018,
49.6795

■ 47.7286, 71.5631,
39.5627

■ 42.6285, 69.1143,
31.1707

■ 38.6657, 67.2170,
24.4073

■ 35.7521, 65.8280,
19.1667

■ 33.7865, 64.8976,
15.3307

■ 32.6473, 64.3659,
12.7637

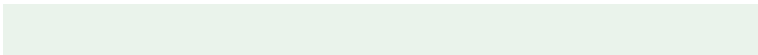
Harmonies

Analogous

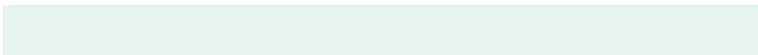
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0035, 87.5918, 88.6147



80.9777, 87.5918, 91.2362



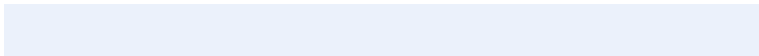
80.5611, 87.5918, 95.0266

Triad

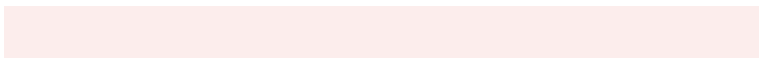
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9777, 87.5918, 91.2362



83.1325, 87.5918, 103.3822



85.6946, 87.5918, 91.8200

Complementary

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



80.9777, 87.5918, 91.2362



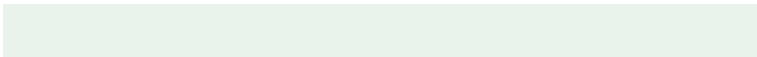
82.4152, 84.3134, 95.9391

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.



86.0050, 87.5918, 95.7194



80.9777, 87.5918, 91.2362



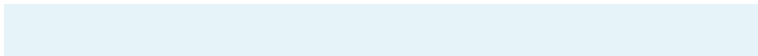
84.5159, 87.5918, 102.4656

Square

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



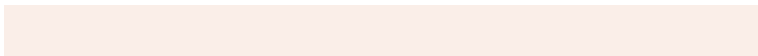
80.9777, 87.5918, 91.2362



81.7963, 87.5918, 102.1026



85.5713, 87.5918, 99.6321



84.7277, 87.5918, 88.9450

Rectangle

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



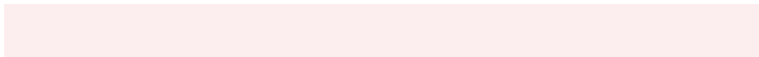
80.9777, 87.5918, 91.2362



80.6812, 87.5918, 97.7324



85.5713, 87.5918, 99.6321



85.8796, 87.5918, 93.0511

Sweetspot

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



80.9802, 87.5956, 91.2381



93.7552, 99.3744, 106.9456



83.5579, 88.9411, 90.6065



20.0811, 21.2768, 22.9114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

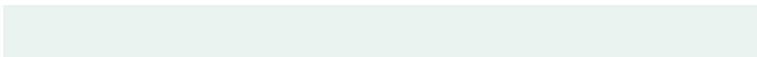
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9802, 87.5956, 91.2381



89.9707, 97.5462, 101.2212



81.6243, 87.8532, 94.6300



17.4570, 19.0331, 19.5709



17.7229, 35.2340, 6.5606



1.5817, 3.1063, 0.7033

Inverse Universe

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



82.4152, 84.3134, 95.9391



91.7000, 93.5911, 106.8861



81.7618, 84.0520, 92.4980



17.8561, 18.1205, 20.8781



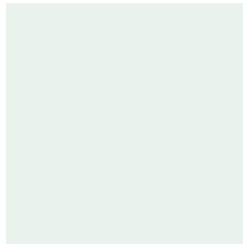
27.1208, 13.1918, 36.9402



2.4058, 1.1683, 3.3635

Previews

White Background



This preview shows how the XYZ color 80.9777, 87.5918, 91.2362 looks on a white background.

Color Contrast Check

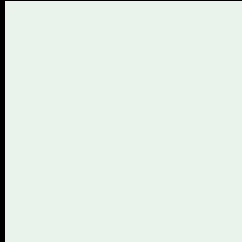
Large Text (above 18pt) WCAG AA × Fail

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 80.9777, 87.5918, 91.2362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

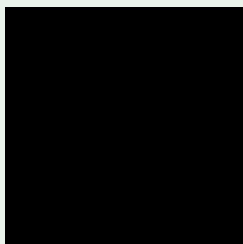
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

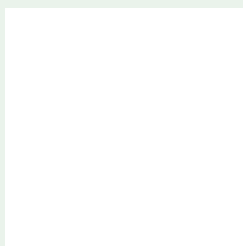
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9777, 87.5918, 91.2362

Background



This preview shows how black text looks on a background with the XYZ color 80.9777, 87.5918, 91.2362.



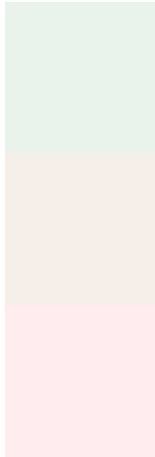
This preview shows how white text looks on a background with the XYZ color 80.9777, 87.5918,

91.2362.

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

80.9777, 87.5918, 91.2362

Protanopia

83.5805, 87.2090, 89.5187

Deuteranopia

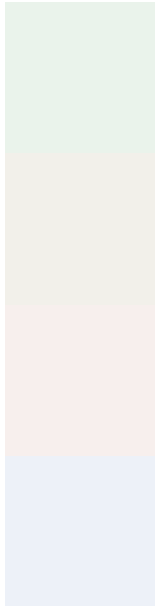
86.6681, 87.4240, 93.1955



Tritanopia

84.4700, 87.7173, 107.0868

Trichromacy



Original Color

80.9777, 87.5918, 91.2362

Protanomaly

82.6293, 87.1379, 90.3062

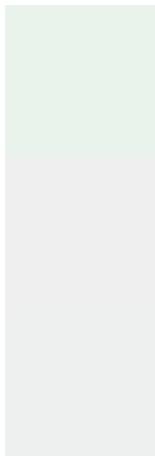
Deuteranomaly

84.5103, 87.6216, 92.5792

Tritanomaly

83.3236, 87.6924, 101.3416

Monochromacy



Original Color

80.9777, 87.5918, 91.2362

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.5178, 86.4977, 93.2882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9777, 87.5918, 91.2362 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(234, 243, 235) looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 243, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 243, 235) }
```

Border

The CSS property to change the border of an element to XYZ 80.9777, 87.5918, 91.2362 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(234, 243, 235) }
```


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

```
.border{ border-color:rgb(234, 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(234, 243, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 243, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 243, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 243,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9777, 87.5918, 91.2362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 243, 235) }
```

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

```
.background{ background-color: rgb(234,  
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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