

Converting Colors

XYZ(81.6849, 86.4526, 90.8650)

Have a look what the booklet for
XYZ(81.6849, 86.4526, 90.8650)
contains.

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Color

**XYZ(81.7521, 86.6691,
91.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF0EB
RGB	239, 240, 235
RGB Percent	94%, 94%, 92%
CMY	0.0627, 0.0588, 0.0784
CMYK	0.00, 0.00, 0.02, 0.06
HSL	72°, 14%, 93%
HSV	72°, 2%, 94%
XYZ	81.7521, 86.6691, 91.0173
YIQ	239.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

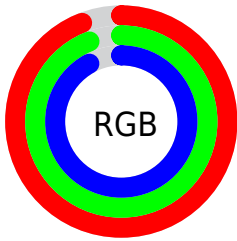
Format	Color
R _Y B	235, 240, 236
Decimal	15724779
CIE Lab	94.60, -1.21, 2.28
CIE LCh	95, 2.584, 117.860
Yxy	86.6691, 0.3151, 0.3341
Android (android.graphics.Color)	4293914859 (0xFFEFF0EB)
YUV	239.1310, -2.0366, -0.1149
Hunter-Lab	93.0962, -6.1693, 7.2014

Details

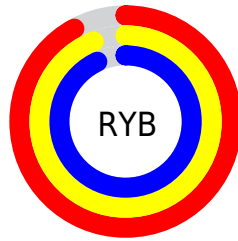
The XYZ color **81.7521, 86.6691, 91.0173** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.0320, 83.5432, 94.3499**, and the grayscale version is **82.1630, 86.4419, 94.1352**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8056, 47.6029, 49.4746** is the 20% darker color. If you saturate the color by 10%, you get **76.9120, 84.5504, 73.8949**, and if you desaturate by 10%, it is **86.4572, 88.7443, 107.1803**.

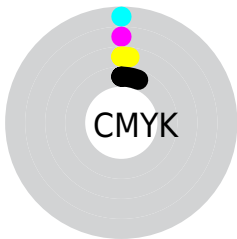
Distribution



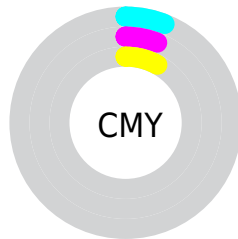
- Red (94%)
- Green (94%)
- Blue (92%)



- Red (92%)
- Yellow (94%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7521, 86.6691, 91.0173 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 81.7521, 86.6691, 91.0173 by changing the saturation by 10% instead.

81.7521, 86.6691,
91.0173

81.7521, 86.6691,
91.0173

489.4652,
517.1349, 551.9898

61.4746, 65.2214,
68.2462

134.7639,
142.7028, 150.6985

44.8623, 47.6406,
49.6301

168.2290,
178.0577, 188.4457

31.5498, 33.5424,
34.7505

206.8207,
218.8170, 232.0221

21.1717, 22.5423,
23.1887

250.9043,
265.3652, 281.8461

13.3628, 14.2559,
14.5263

300.8452,
318.0867, 338.3364

7.7575, 8.2989,
8.3447

357.0087,

3.9907, 4.2868,

377.3659, 401.9114

4.2254

419.7603,
443.5872, 472.9897

■ 1.6969, 1.8352,
1.7498

■ 0.4543, 0.5090,
0.3945

■ 81.7521, 86.6691,
91.0173

■ 81.7521, 86.6691,
91.0173

■ 76.9120, 84.5504,
73.8949

■ 86.4572, 88.7443,
107.1803

■ 72.5618, 82.6299,
59.1388

■ 88.1491, 89.6165,
107.2595

■ 68.6837, 80.9032,
46.6462

■ 89.8850, 90.5114,
107.3407

■ 65.2562, 79.3616,
36.3048

■ 90.4518, 90.8036,
107.3673

■ 62.2556, 77.9956,
27.9927

■ 59.6562, 76.7949,
21.5758

■ 57.4291, 75.7479,
16.9038

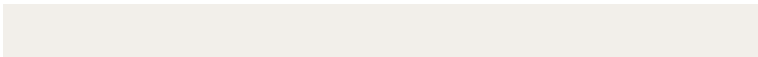
■ 55.5411, 74.8412,
13.8037

■ 53.9522, 74.0589,
12.0672

Harmonies

Analogous

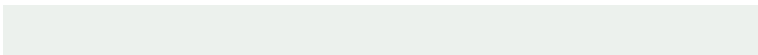
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4264, 86.6691, 90.5866



81.7521, 86.6691, 91.0173



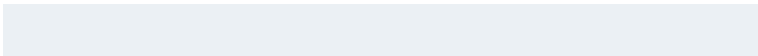
81.2475, 86.6691, 92.3420

Triad

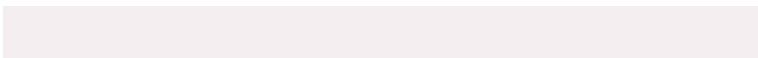
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7521, 86.6691, 91.0173



81.6659, 86.6691, 97.6531



83.7220, 86.6691, 94.5112

Complementary

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



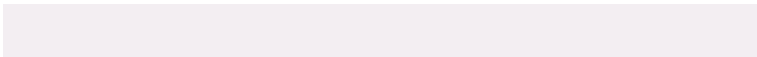
81.7521, 86.6691, 91.0173



80.0320, 83.5432, 94.3499

Split Complementary

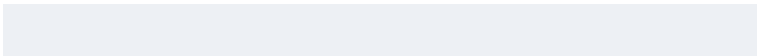
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5156, 86.6691, 96.4232



81.7521, 86.6691, 91.0173



82.3264, 86.6691, 98.2530

Square

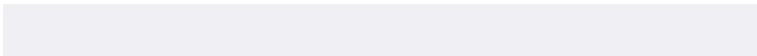
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



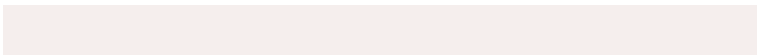
81.7521, 86.6691, 91.0173



81.1980, 86.6691, 96.1717



83.0038, 86.6691, 97.7998



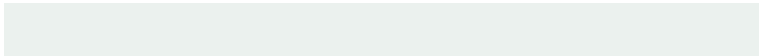
83.5661, 86.6691, 92.5868

Rectangle

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



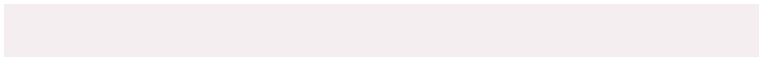
81.7521, 86.6691, 91.0173



81.0740, 86.6691, 93.5636



83.0038, 86.6691, 97.7998



83.6927, 86.6691, 95.1769

Sweetspot

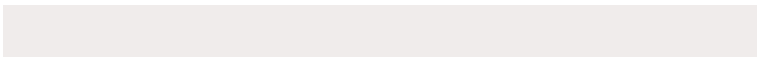
The Sweet Spot groups the original color and five complimentary colors.



81.7545, 86.6728, 91.0192



94.4541, 99.7399, 106.7433



80.9290, 84.5169, 90.6466



20.2233, 21.3512, 22.8702



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.



81.7545, 86.6728, 91.0192



93.2799, 99.2270, 102.5155



80.9168, 86.2409, 90.9800



17.3885, 18.5500, 18.9006



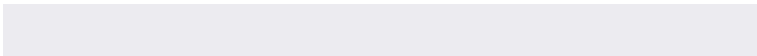
29.0451, 40.2949, 6.2468



2.4942, 3.3923, 0.5233

Inverse Universe

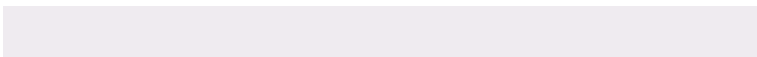
The Inverse Universe completely reimagines the original color for something new.



80.0320, 83.5432, 94.3499



90.4440, 94.0745, 107.9990



80.8674, 83.9739, 94.3890



16.7231, 17.3409, 20.1873



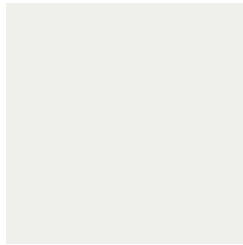
9.3675, 3.8345, 45.3743



0.8577, 0.3594, 3.7784

Previews

White Background



This preview shows how the XYZ color 81.7521, 86.6691, 91.0173 looks on a white background.

Color Contrast Check

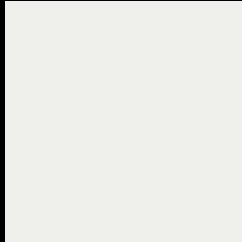
Large Text (above 18pt) WCAG AA × Fail

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 81.7521, 86.6691, 91.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

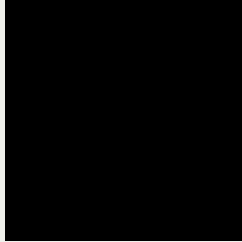
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

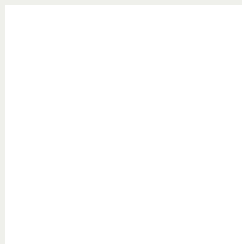
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7521, 86.6691, 91.0173

Background



This preview shows how black text looks on a background with the XYZ color 81.7521, 86.6691, 91.0173.



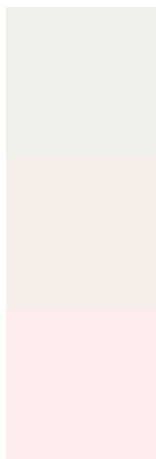
This preview shows how white text looks on a background with the XYZ color 81.7521, 86.6691,

91.073.

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

81.7521, 86.6691, 91.0173

Protanopia

83.0820, 86.5021, 90.1596

Deuteranopia

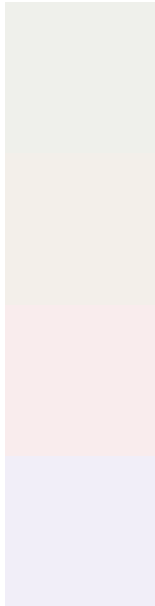
86.0954, 86.2787, 93.0047



Tritanopia

84.9521, 86.6656, 106.8584

Trichromacy



Original Color

81.7521, 86.6691, 91.0173

Protanomaly

82.6799, 86.7282, 90.2244

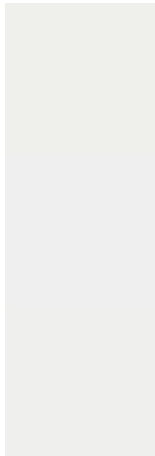
Deuteranomaly

84.3484, 86.2451, 92.3221

Tritanomaly

83.7934, 86.6272, 101.1113

Monochromacy



Original Color

81.7521, 86.6691, 91.0173

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.8957, 86.2568, 93.2218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7521, 86.6691, 91.0173 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(239, 240, 235) looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 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(239, 240, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.7521, 86.6691, 91.0173 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(239, 240, 235) }
```


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

```
.border{ border-color:rgb(239, 240, 235) }
```

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

Here you see how a box with a 4 pixel rgb(239, 240, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7521, 86.6691, 91.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 235) }
```

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

```
.background{ background-color: rgb(239,  
240, 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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