

Converting Colors

XYZ(81.5042, 90.5725, 91.7838)

Have a look what the booklet for
XYZ(81.5042, 90.5725, 91.7838)
contains.

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Color

**XYZ(81.5042, 90.5725,
91.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F9EB
RGB	230, 249, 235
RGB Percent	90%, 98%, 92%
CMY	0.0980, 0.0235, 0.0784
CMYK	0.08, 0.00, 0.06, 0.02
HSL	136°, 61%, 94%
HSV	136°, 8%, 98%
XYZ	81.5042, 90.5725, 91.7838
YIQ	241.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

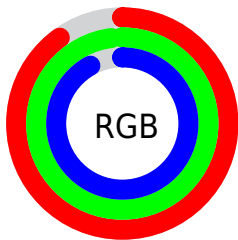
Format	Color
R _Y B	230, 245, 249
Decimal	15137259
CIE Lab	96.23, -8.74, 4.58
CIE LCh	96, 9.866, 152.358
Yxy	90.5725, 0.3089, 0.3433
Android (android.graphics.Color)	4293327339 (0xFFE6F9EB)
YUV	241.7230, -3.3144, -10.2811
Hunter-Lab	95.1696, -13.6776, 9.4380

Details

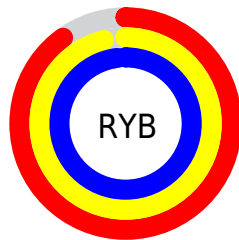
The XYZ color **81.5042, 90.5725, 91.7838** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6961, 83.2673, 97.2532**, and the grayscale version is **84.2105, 88.5960, 96.4811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6622, 50.3933, 50.0207** is the 20% darker color. If you saturate the color by 10%, you get **71.5614, 85.7401, 78.1870**, and if you desaturate by 10%, it is **92.8670, 96.1105, 106.8783**.

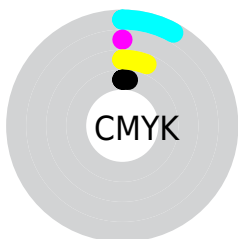
Distribution



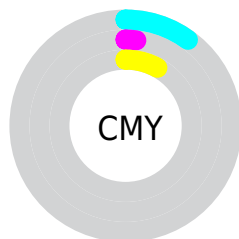
- Red (90%)
- Green (98%)
- Blue (92%)



- Red (90%)
- Yellow (96%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.5042, 90.5725, 91.7838 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 81.5042, 90.5725, 91.7838 by changing the saturation by 10% instead.

81.5042, 90.5725,
91.7838

81.5042, 90.5725,
91.7838

488.6474,
529.8914, 554.5357

61.2697, 68.4556,
68.8790

134.4180,
148.1334, 151.7708

44.6962, 50.2685,
50.1421

167.8279,
184.3461, 189.6901

31.4185, 35.6267,
35.1543

206.3603,
226.0262, 233.4514

21.0711, 24.1461,
23.4973

250.3806,
273.5581, 283.4731

13.2887, 15.4420,
14.7524

300.2541,
327.3262, 340.1739

7.7060, 9.1302,
8.5011

356.3462,

3.9576, 4.8262,

387.7148, 403.9722

4.3249

419.0222,
455.1084, 475.2866

■ 1.6782, 2.1456,
1.8052

■ 0.4426, 0.6901,
0.4314

■ 81.5042, 90.5725,
91.7838

■ 81.5042, 90.5725,
91.7838

■ 71.5614, 85.7401,
78.1870

■ 92.8670, 96.1105,
106.8783

■ 62.9747, 81.5735,
66.0363

■ 93.1674, 96.2348,
108.2725

■ 55.6863, 78.0466,
55.2856

■ 49.6314, 75.1270,
45.8844

■ 44.7393, 72.7794,
37.7788

■ 40.9323, 70.9648,
30.9117

■ 38.1222, 69.6392,
25.2213

■ 36.2066, 68.7511,
20.6404

■ 35.0524, 68.2333,
17.0945

Harmonies

Analogous

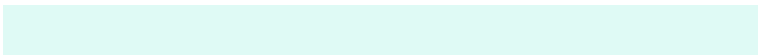
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2980, 90.5725, 86.4165



81.5042, 90.5725, 91.7838



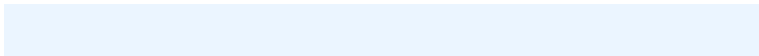
80.9302, 90.5725, 99.2401

Triad

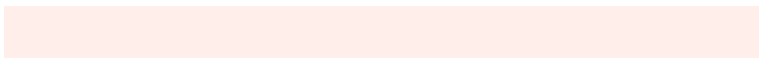
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5042, 90.5725, 91.7838



86.3034, 90.5725, 114.4710



90.6128, 90.5725, 90.7628

Complementary

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



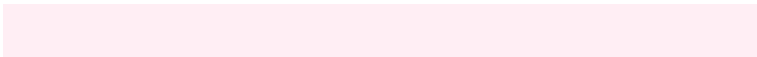
81.5042, 90.5725, 91.7838



83.6961, 83.2673, 97.2532

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.



91.4572, 90.5725, 97.9986



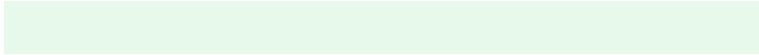
81.5042, 90.5725, 91.7838



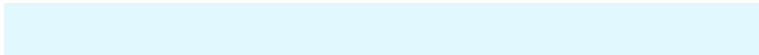
88.9364, 90.5725, 111.9172

Square

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



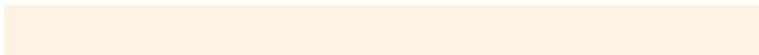
81.5042, 90.5725, 91.7838



83.6658, 90.5725, 112.5939



90.8373, 90.5725, 105.7834



88.5533, 90.5725, 85.8494

Rectangle

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



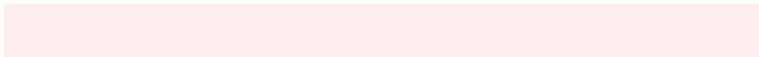
81.5042, 90.5725, 91.7838



81.3065, 90.5725, 104.4683



90.8373, 90.5725, 105.7834



91.0501, 90.5725, 92.9904

Sweetspot

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



81.5067, 90.5764, 91.7858



92.5993, 98.8058, 105.6578



85.5572, 92.7468, 88.2567



19.8457, 21.1610, 22.6492



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.



81.5067, 90.5764, 91.7858



84.5006, 94.8624, 94.8137



82.8789, 91.1252, 99.0115



17.2049, 19.3842, 19.2793



18.7013, 36.4935, 9.0364



1.7737, 3.3966, 1.0564

Inverse Universe

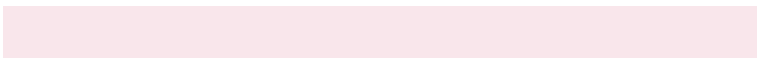
The Inverse Universe completely reimagines the original color for something new.



83.6961, 83.2673, 97.2532



87.2036, 85.8385, 101.5634



82.3259, 82.7192, 90.0374



17.7866, 17.4420, 20.7321



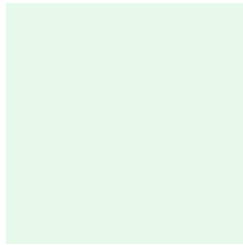
25.5758, 12.6460, 25.5383



2.4123, 1.1887, 2.5948

Previews

White Background



This preview shows how the XYZ color 81.5042, 90.5725, 91.7838 looks on a white background.

Color Contrast Check

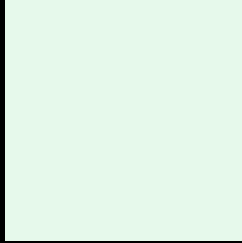
Large Text (above 18pt) WCAG AA × Fail

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 81.5042, 90.5725, 91.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

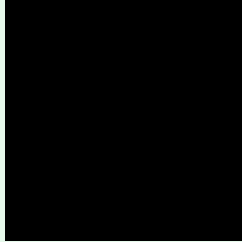
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

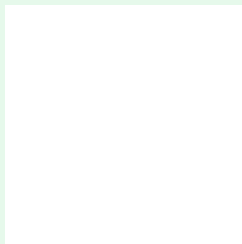
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5042, 90.5725, 91.7838

Background



This preview shows how black text looks on a background with the XYZ color 81.5042, 90.5725, 91.7838.



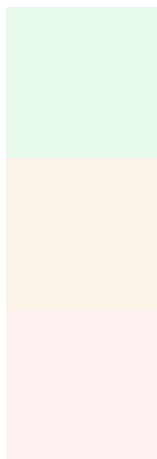
This preview shows how white text looks on a background with the XYZ color 81.5042, 90.5725,

91.7838.

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

81.5042, 90.5725, 91.7838

Protanopia

86.3997, 90.4366, 89.2462

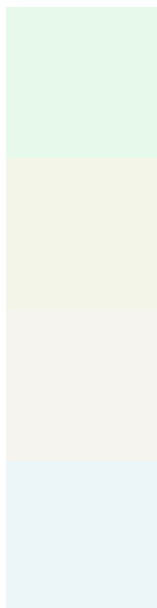
Deuteranopia

88.5725, 90.5215, 96.0232

Tritanopia

85.9973, 90.2721, 107.4995

Trichromacy



Original Color

81.5042, 90.5725, 91.7838

Protanomaly

84.3225, 90.2427, 90.0651

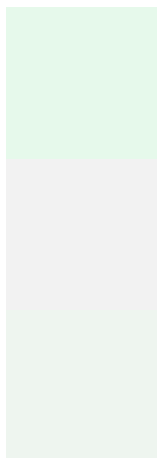
Deuteranomaly

85.9367, 90.5262, 94.6053

Tritanomaly

84.4911, 90.5217, 101.8262

Monochromacy



Original Color

81.5042, 90.5725, 91.7838

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.4923, 89.7140, 94.5774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5042, 90.5725, 91.7838 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(230, 249, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 249, 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(230, 249, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 249, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.5042, 90.5725, 91.7838 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(230, 249, 235) }
```


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

```
.border{ border-color:rgb(230, 249, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 249, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 249, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 249, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 249,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5042, 90.5725, 91.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 249, 235) }
```

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

```
.background{ background-color: rgb(230,  
249, 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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