

Converting Colors

XYZ(81.5447, 92.1802, 82.8311)

Have a look what the booklet for
XYZ(81.5447, 92.1802, 82.8311)
contains.

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Color

**XYZ(81.5995, 92.2184,
82.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FCDE
RGB	233, 252, 222
RGB Percent	91%, 99%, 87%
CMY	0.0863, 0.0117, 0.1294
CMYK	0.08, 0.00, 0.12, 0.01
HSL	98°, 83%, 93%
HSV	98°, 12%, 99%
XYZ	81.5995, 92.2184, 82.6064
YIQ	242.8990, -1.6940, -13.3580

Conversions

Conversions Part 2

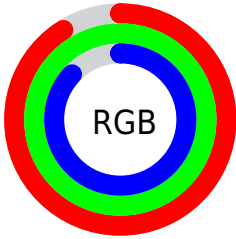
Format	Color
R _Y B	222, 252, 241
Decimal	15334622
CIE Lab	96.91, -11.47, 12.26
CIE LCh	97, 16.789, 133.084
Yxy	92.2184, 0.3182, 0.3596
Android (android.graphics.Color)	4293524702 (0xFFE9FCDE)
YUV	242.8990, -10.3032, -8.6814
Hunter-Lab	96.0304, -16.3772, 16.2194

Details

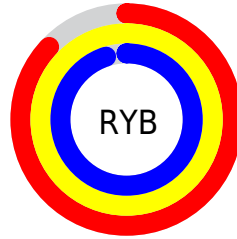
The XYZ color **81.5995, 92.2184, 82.6064** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **79.9713, 77.9741, 102.9359**, and the grayscale version is **85.1936, 89.6303, 97.6074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6216, 51.1673, 44.0837** is the 20% darker color. If you saturate the color by 10%, you get **73.4944, 88.4043, 65.8942**, and if you desaturate by 10%, it is **90.6859, 96.4854, 102.0035**.

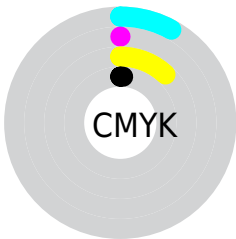
Distribution



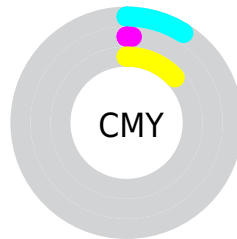
- Red (91%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)





- Cyan (9%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5995, 92.2184, 82.6064 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 81.5995, 92.2184, 82.6064 by changing the saturation by 10% instead.


 81.5995, 92.2184,
82.6064

 81.5995, 92.2184,
82.6064


488.9619,
535.2211, 523.6104

 61.3484, 69.8220,
61.3268


134.5510,
150.4161, 138.8684

 44.7600, 51.3815,
44.0567


167.9821,
186.9861, 174.6878

 31.4689, 36.5123,
30.3775


206.5373,
229.0496, 216.1909

 21.1098, 24.8301,
19.8709

250.5820,
276.9908, 263.7962

 13.3172, 15.9505,
12.1181

300.4814,
331.1942, 317.9222

 7.7258, 9.4891,
6.7006

356.6009,

 3.9703, 5.0616,

392.0441, 378.9876

3.2000

419.3060,
459.9249, 447.4108

■ 1.6854, 2.2834,
1.1976

■ 0.4471, 0.7649,
0.0000

■ 81.5995, 92.2184,
82.6064

■ 81.5995, 92.2184,
82.6064

■ 73.4944, 88.4043,
65.8942

■ 90.6859, 96.4854,
102.0035

■ 66.3284, 85.0159,
51.7428

■ 94.1022, 98.1045,
108.5841

■ 60.0671, 82.0409,
40.0272

■ 54.6707, 79.4618,
30.6096

■ 50.0964, 77.2599,
23.3384

■ 46.2971, 75.4145,
18.0437

■ 43.2200, 73.9028,
14.5301

■ 40.8036, 72.6981,
12.5621

■ 39.2644, 71.9197,
11.8124

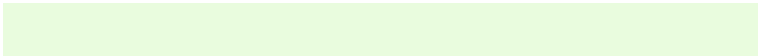
Harmonies

Analogous

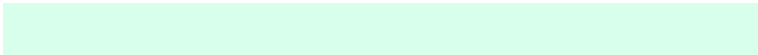
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6133, 92.2184, 77.1718



81.5995, 92.2184, 82.6064



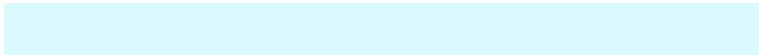
79.2555, 92.2184, 93.0392

Triad

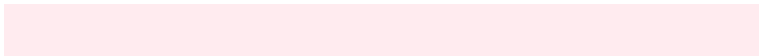
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5995, 92.2184, 82.6064



85.0378, 92.2184, 127.3722



96.7866, 92.2184, 94.6432

Complementary

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



81.5995, 92.2184, 82.6064



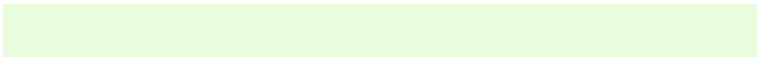
79.9713, 77.9741, 102.9359

Split Complementary

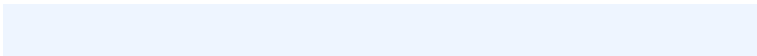
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.6190, 92.2184, 108.1605



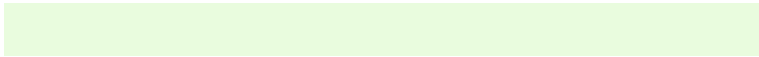
81.5995, 92.2184, 82.6064



89.7204, 92.2184, 127.8998

Square

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



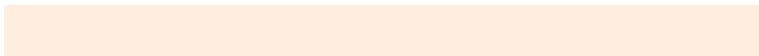
81.5995, 92.2184, 82.6064



81.1912, 92.2184, 119.2215



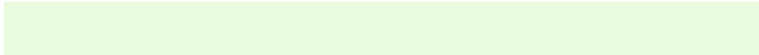
93.9942, 92.2184, 120.6041



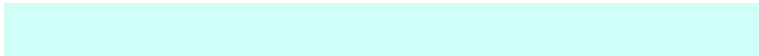
94.4442, 92.2184, 83.6896

Rectangle

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



81.5995, 92.2184, 82.6064



78.9013, 92.2184, 101.8143



93.9942, 92.2184, 120.6041



97.0244, 92.2184, 99.0190

Sweetspot

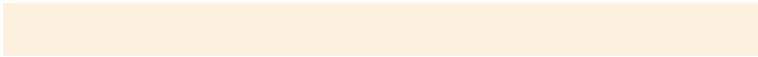
The Sweet Spot groups the original color and five complimentary colors.



81.6020, 92.2224, 82.6084



91.1138, 98.1555, 100.3699



84.7887, 88.8838, 81.7960



19.3476, 20.9369, 21.1509



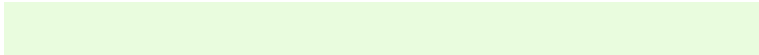
0.0000, 0.0000, 0.0000



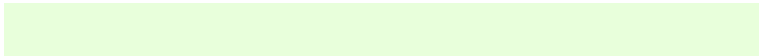
20.3446, 21.4041, 23.3091

Same Dimension

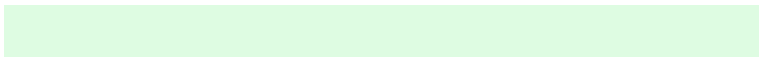
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.6020, 92.2224, 82.6084



81.9904, 93.8710, 81.0227



78.6648, 90.6455, 85.3035



17.6182, 19.6190, 18.3207



20.5999, 37.5379, 6.1598



2.0200, 3.5344, 0.5758

Inverse Universe

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



79.9713, 77.9741, 102.9359



80.0478, 76.9015, 105.2322



83.2129, 79.7178, 99.8126



17.3400, 17.1879, 21.7890



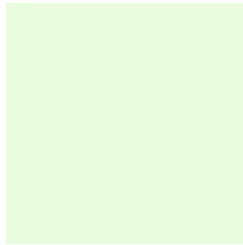
16.8325, 7.6202, 48.5572



1.6755, 0.7658, 4.5027

Previews

White Background



This preview shows how the XYZ color 81.5995, 92.2184, 82.6064 looks on a white background.

Color Contrast Check

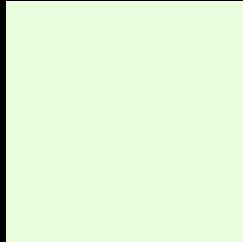
Large Text (above 18pt) WCAG AA × Fail

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 81.5995, 92.2184, 82.6064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

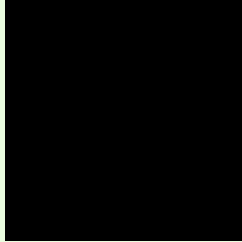
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

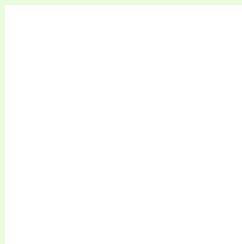
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5995, 92.2184, 82.6064

Background



This preview shows how black text looks on a background with the XYZ color 81.5995, 92.2184, 82.6064.



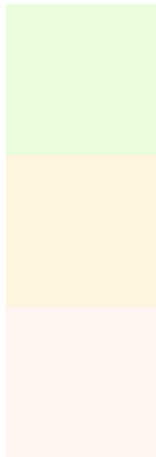
This preview shows how white text looks on a background with the XYZ color 81.5995, 92.2184,

82.6064.

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

81.5995, 92.2184, 82.6064

Protanopia

87.2117, 91.8925, 82.9525

Deuteranopia

89.3189, 92.2526, 95.5370



Tritanopia

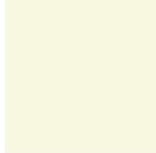
87.9679, 92.1862, 107.7651

Trichromacy



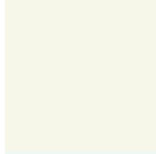
Original Color

81.5995, 92.2184, 82.6064



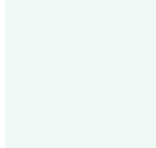
Protanomaly

85.2445, 92.2367, 83.1226



Deuteranomaly

86.3265, 92.1789, 90.3332



Tritanomaly

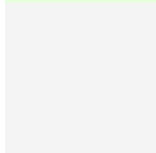
85.3417, 91.9566, 98.0454

Monochromacy



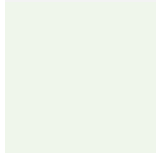
Original Color

81.5995, 92.2184, 82.6064



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.5478, 90.2604, 91.6158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5995, 92.2184, 82.6064 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(233, 252, 222)` looks like.

```
.text, #text, p{  
    color:rgb(233, 252, 222)  
}
```

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(233, 252, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 252, 222) }
```

Border

The CSS property to change the border of an element to XYZ 81.5995, 92.2184, 82.6064 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(233, 252, 222) }
```


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

```
.border{ border-color:rgb(233, 252, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 252, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 252, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 252, 222);  
box-shadow:4px 4px 4px 4px rgb(233, 252,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5995, 92.2184, 82.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 252, 222) }
```

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

```
.background{ background-color: rgb(233,  
252, 222) }
```

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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